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NEWS 7 MAY 19 Derwent World Patents Index to be reloaded and enhanced
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NEWS 9 MAY 30 The F-Term thesaurus is now available in CA/CAPLUS
NEWS 10 JUN 02 The first reclassification of IPC codes now complete in
INPADOC
NEWS 11 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and
and display fields
NEWS 12 JUN 28 Price changes in full-text patent databases EPFULL and PCTFULL
NEWS 13 JUL 11 CHEMSAFE reloaded and enhanced
NEWS 14 JUL 14 FSTA enhanced with Japanese patents
NEWS 15 JUL 19 Coverage of Research Disclosure reinstated in DWPI

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=> file embase medline biosis caplus
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=> s lima/au and crooke/au and wu/au
L1 0 LIMA/AU AND CROOKE/AU AND WU/AU

=> s lima/au and gapmer
L2 0 LIMA/AU AND GAPMER

=> s gapmer and antisense
L3 86 GAPMER AND ANTISENSE

=> dup rem l3
PROCESSING COMPLETED FOR L3
L4 46 DUP REM L3 (40 DUPLICATES REMOVED)

=> s l4 not py>1999
L5 4 L4 NOT PY>1999

=> d ti so au py 1-4

L5 ANSWER 1 OF 4 EMBASE COPYRIGHT (c) 2006 Elsevier B.V. All rights reserved on STN
TI Cholesterol conjugated uniform and gapmer phosphorothioate oligonucleotides targeted against PKC- α and C-raf gene expression.
SO Nucleosides and Nucleotides, (1997) Vol. 16, No. 7-9, pp. 1139-1140. .
Refs: 2
ISSN: 0732-8311 CODEN: NUNUD5
AU Manoharan M.; Tivel K.L.; Inamati G.; Monia B.P.; Dean N.; Cook P.D.
PY 1997

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
TI Antisense oligonucleotide therapy for HCMV
SO Book of Abstracts, 213th ACS National Meeting, San Francisco, April 13-17 (1997), CARB-021 Publisher: American Chemical Society, Washington, D. C. CODEN: 64AOAA
AU Manoharan, Muthiah
PY 1997

L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
TI Carbohydrate modified-oligonucleotide anti-inflammatory agents
SO Book of Abstracts, 213th ACS National Meeting, San Francisco, April 13-17 (1997), CARB-004 Publisher: American Chemical Society, Washington, D. C. CODEN: 64AOAA
AU Cook, P. Dan
PY 1997

L5 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2006 ACS on STN
TI Carbohydrate modified oligonucleotide antitumor agents
SO Book of Abstracts, 212th ACS National Meeting, Orlando, FL, August 25-29 (1996), CARB-036 Publisher: American Chemical Society, Washington, D. C. CODEN: 63BFAF
AU Cook, P. Dan
PY 1996

=> s (2'-methyl or 2'-amino) and chimeric and antisense
L6 0 (2'-METHYL OR 2'-AMINO) AND CHIMERIC AND ANTISENSE

=> s chimeric and antisense and (flanks or flanking)
L7 127 CHIMERIC AND ANTISENSE AND (FLANKS OR FLANKING)

=> s 17 and alkynyl
L8 0 L7 AND ALKYNYL

=> s 17 and amino
L9 62 L7 AND AMINO

=> dup rem 19
PROCESSING COMPLETED FOR L9
L10 62 DUP REM L9 (0 DUPLICATES REMOVED)

=> s l10 not py>1999
L11 7 L10 NOT PY>1999

=> d ti so au py 1-7

L11 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
TI The nucleotide sequences of soybean acyl-ACP thioesterase cDNAs and their
use in the alteration of plant fatty acid profiles
SO U.S., 45 pp., Cont.-in-part of U.S. Ser. No. 570,925, abandoned..
CODEN: USXXAM
IN Hitz, William Dean; Yadav, Narendra S.
PY 1999
1996

L11 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
TI Promoters of plant pathogenesis-related proteins and chemical-induction of
gene expression in transgenic plants
SO U.S., 174 pp., Cont.-in-part of U. S. Ser. No. 42,847, abandoned..
CODEN: USXXAM
IN Ryals, John A.; Friedrich, Leslie B.; et al.
PY 1998
1990
1989
1993
1999
1990
1997

L11 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
TI Human protease M, a novel serine protease, and its cDNA sequence and
diagnostic and therapeutic uses
SO PCT Int. Appl., 92 pp.
CODEN: PIXXD2
IN Anisowicz, Anthony; Sager, Ruth; Sotiropoulou, Georgia
PY 1998
1998
1998

L11 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
TI T cell-mediated immune response modulation by OX-2 costimulatory molecule
and its agonists and antagonists
SO PCT Int. Appl., 93 pp.
CODEN: PIXXD2
IN Borriello, Francescopaolo; Sharpe, Arlene H.
PY 1997
1997

L11 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
TI Methods for screening and treating leukemias resulting from ALL-1 region
chromosome abnormalities
SO PCT Int. Appl., 207 pp.
CODEN: PIXXD2
IN Croce, Carlo; Canaani, Eli
PY 1994

L11 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Simultaneous inhibition of two tomato fruit cell wall hydrolases,
 pectinmethylesterase and polygalacturonase, with antisense gene
 constructs
 SO Antisense Research and Development (1993), 3(2), 181-90
 CODEN: AREDEI; ISSN: 1050-5261
 AU Pear, Julie R.; Sanders, Rick A.; Summerfelt, Kristin R.; Martineau,
 Belinda; Hiatt, William R.
 PY 1993

L11 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Nucleic acid corresponding to a gene of chromosome 22 involved in
 recurrent chromosomal translocations associated with the development of
 tumors
 SO PCT Int. Appl., 123 pp.
 CODEN: PIXXD2
 IN Aurias, Alain; Delattre, Olivier; Desmaze, Chantal; Melot, Thomas; Peter,
 Martine; Plougastel, Beatrice; Thomas, Gilles; Zucman, Jessica
 PY 1993
 1994
 1993
 1995
 1995
 1996
 1999

=> s methoxy and wings
 L12 21 METHOXY AND WINGS

=> dup rem l12
 PROCESSING COMPLETED FOR L12
 L13 14 DUP REM L12 (7 DUPLICATES REMOVED)

=> s l13 not py>1999
 L14 12 L13 NOT PY>1999

=> d ti so au py 1-12

L14 ANSWER 1 OF 12 EMBASE COPYRIGHT (c) 2006 Elsevier B.V. All rights
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 TI Identification and partial purification of human double strand RNase
 activity. A novel terminating mechanism for oligoribonucleotide antisense
 drugs.
 SO Journal of Biological Chemistry, (30 Jan 1998) Vol. 273, No. 5, pp.
 2532-2542. .
 Refs: 33
 ISSN: 0021-9258 CODEN: JBCHA3
 AU Wu H.; MacLeod A.R.; Lima W.F.; Crooke S.T.
 PY 1998

L14 ANSWER 2 OF 12 EMBASE COPYRIGHT (c) 2006 Elsevier B.V. All rights
 reserved on STN
 TI Kinetic characteristics of Escherichia coli RNase H1: Cleavage of various
 antisense oligonucleotide-RNA duplexes.
 SO Biochemical Journal, (1995) Vol. 312, No. 2, pp. 599-608. .
 ISSN: 0264-6021 CODEN: BIJOAK
 AU Crooke S.T.; Lemonidis K.M.; Neilson L.; Griffey R.; Lesnik E.A.; Monia
 B.P.
 PY 1995

L14 ANSWER 3 OF 12 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 TI MORPHOGENETIC AND PHYSIOLOGICAL EFFECTS OF A JUVENILE HORMONE ANALOG ON
 THE LIGHT BROWN APPLE MOTH EPIPHYAS-POSTVITTANA LEPIDOPTERA TORTRICIDAE.

SO New Zealand Journal of Zoology, (1979) Vol. 6, No. 2, pp. 381-388.
 CODEN: NZJZAW. ISSN: 0301-4223.

AU SINGH P [Reprint author]; DUGDALE J S
 PY 1979

L14 ANSWER 4 OF 12 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 TI EFFECT OF ZR-515 ON HONEY BEE APIS-MELLIFERA.
 SO Zeitschrift fuer Angewandte Entomologie, (1978) Vol. 87, No. 1, pp.
 109-111.
 CODEN: JOAEEB. ISSN: 0044-2240.

AU HUSSEIN M H [Reprint author]; ABDEL-AAL Y A I
 PY 1978

L14 ANSWER 5 OF 12 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 TI RED IMPORTED FIRE ANTS EFFECTS OF INSECT GROWTH REGULATORS ON CASTE
 FORMATION AND COLONY GROWTH AND SURVIVAL.
 SO Journal of Economic Entomology, (1978) Vol. 71, No. 1, pp. 75-78.
 CODEN: JEENAI. ISSN: 0022-0493.

AU BANKS W A [Reprint author]; LOFGREN C S; PLUMLEY J K
 PY 1978

L14 ANSWER 6 OF 12 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 TI MORPHOGENETIC ABERRATIONS INDUCED BY A JUVENILE HORMONE ANALOG IN THE
 MOSQUITO CULEX-TARSALIS DIPTERA CULICIDAE.
 SO Journal of Medical Entomology, (1975) Vol. 12, No. 3, pp. 309-316.
 CODEN: JMENA6. ISSN: 0022-2585.

AU ARIAS J R; MULLA M S
 PY 1975

L14 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Biological effects of an aliphatic sesquiterpene analog on the
 developmental stages of the flesh fly, *Parasarcophaga ruficornis*.
 SO Journal of the Science Society of Thailand (1995), 21(3), 147-60
 CODEN: VKSTDB; ISSN: 0303-8122

AU Sukhapanth, Nouwaratn; Ketavan, Chitapa
 PY 1995

L14 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Vascular catheter with durable lubricious coating
 SO Eur. Pat. Appl., 9 pp.
 CODEN: EPXXDW

IN Hattori, Sachiko; Kamdar, Kirti; Hart, Jerry A.
 PY 1990
 1990
 1990

L14 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
 TI The principles of antihormone action in insects
 SO Acta Entomologica Bohemoslovaca (1978), 75(2), 65-82
 CODEN: AEBOA9; ISSN: 0001-5601

AU Slama, Karel
 PY 1978

L14 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
 TI New L- α -amino acid from Lepidoptera
 SO Journal of the American Chemical Society (1965), 87(18), 4202-3
 CODEN: JACSAT; ISSN: 0002-7863

AU Brown, Keith S., Jr.
 PY 1965

L14 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Flavonoid pigments in the marbled white butterfly *Melanargia galathea*
 SO Tetrahedron Letters (1963) 101-4
 CODEN: TELEAY; ISSN: 0040-4039

AU Morris, Shirley J.; Thomson, R. H.

PY 1963

L14 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
TI Intensity of the hydroxyl band in infrared spectra
SO Australian Journal of Chemistry (1959), 12, 575-88
CODEN: AJCHAS; ISSN: 0004-9425
AU Flynn, T. D.; Werner, R. L.; Graham, B. M.
PY 1959

=> log y

COST IN U.S. DOLLARS

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ENTRY

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FULL ESTIMATED COST

93.19

93.40

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EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	26	crooke.in. wu.in. lima.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 12:31
L2	1055	gapmer and methoxy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 12:31
L3	27545	chimeric and (flanks or flanking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 12:31
L4	984	I3 and (antisense) and methoxy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 12:32
L5	181	I4 and wings	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 12:32
L6	460	I4 and core	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 12:36
L7	341	exonuclease adj resistant and antisense	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 12:41
L8	4	I7 and b-form	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 12:42
L9	6	"616009".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 12:45

EAST Search History

L10	24	l7 and pentofuranosyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 12:47
L11	0	l7 and arabino	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 12:46
L12	0	l7 and arabino	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 12:46
L13	42	l7 and endo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 12:47
L14	0	l7 and endo with pucker	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 12:47
L15	95	chimeric and antisense and "c2'-endo"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 12:56
L16	897	chimeric and antisense and arabino	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 12:56
L17	6	l16 not @py>"1998"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 12:57
L18	495	l16 not isis.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 12:59
L19	696	arabino with nucleotides and antisense	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 14:49

EAST Search History

L20	143	beigelman.in. and modifications	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 14:51
L21	59	l20 and azido	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/07/26 14:51



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Time Result

#28	Related Articles for PubMed (Select 1712939) sort by: PublicationDate	13:40:53	102
#27	Search antisense arabinonucleoside	13:40:04	49
#22	Search antisense oligonucleotides arabinonucleoside	13:32:44	38
#21	Search antisense oligonucleotides having arabinosyl	13:32:14	1
#19	Search agrawal jiang	13:28:53	18
#18	Search yu iyer	13:28:36	1
#16	Search monia lesnik	13:26:17	6
#14	Search b-form nucleotides and antisense	13:08:59	12
#11	Search antisense b-form nucleotides	13:05:01	12
#8	Search c2'-endo pucker nucleosides	12:53:25	30
#7	Search c2'-endo pucker modified nucleosides	12:52:30	5
#6	Search c2'-endo pucker	12:52:21	92
#5	Related Articles for PubMed (Select 9358149)	12:06:26	163
#3	Search freier 1997	11:34:34	14
#2	Search frier 1997	11:33:31	24
#1	Search frier nucleic acid	11:33:06	3

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USPATFULL/USPAT2
NEWS 9 MAY 30 The F-Term thesaurus is now available in CA/CAPLUS
NEWS 10 JUN 02 The first reclassification of IPC codes now complete in
INPADOC
NEWS 11 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and
and display fields
NEWS 12 JUN 28 Price changes in full-text patent databases EPFULL and PCTFULL
NEWS 13 JUL 11 CHEMSAFE reloaded and enhanced
NEWS 14 JUL 14 FSTA enhanced with Japanese patents
NEWS 15 JUL 19 Coverage of Research Disclosure reinstated in DWPI

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

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=> file uspatfull		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'USPATFULL' ENTERED AT 14:29:55 ON 26 JUL 2006
CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 25 Jul 2006 (20060725/PD)
FILE LAST UPDATED: 25 Jul 2006 (20060725/ED)
HIGHEST GRANTED PATENT NUMBER: US7082615

HIGHEST APPLICATION PUBLICATION NUMBER: US2006162035
CA INDEXING IS CURRENT THROUGH 25 Jul 2006 (20060725/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 25 Jul 2006 (20060725/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2006
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2006

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=> s us200!-616009/apps
      2 US200!-616009/AP
      0 US200!-616009/PRN
      0 US200!-616009/RLN
L1      2 US200!-616009/APPS
      (US200!-616009/AP, PRN, RLN)
```

=> d l1 ti 1-2

L1 ANSWER 1 OF 2 USPATFULL on STN
TI Image forming apparatus

L1 ANSWER 2 OF 2 USPATFULL on STN
TI Human RNase H1 and oligonucleotide compositions thereof

```
=> file registry
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                               ENTRY      SESSION
FULL ESTIMATED COST          1.43      1.64
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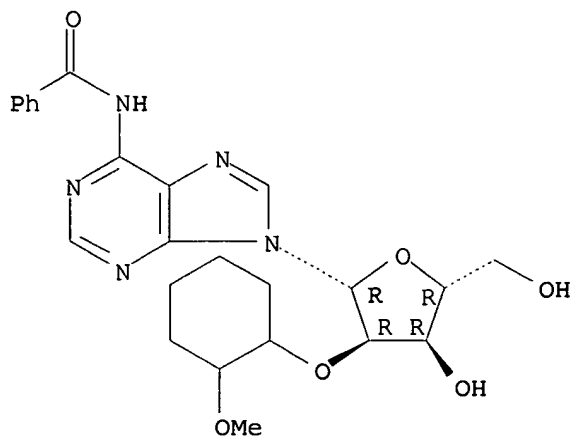
<http://www.cas.org/ONLINE/UG/regprops.html>

```
=> tra l1 2 1- rn
L2      TRANSFER L1 2,1- RN :      160 TERMS
L3      160 L2
```

=> d scan 1-160
'1-160' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Adenosine, N-benzoyl-2'-O-(2-methoxycyclohexyl)- (9CI)
MF C24 H29 N5 O6

Absolute stereochemistry.



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are: (RN = CAS Registry Number)

REG - RN
 SAM - Index Name, MF, and structure - no RN
 FIDE - All substance data, except sequence data
 IDE - FIDE, but only 50 names
 SQIDE - IDE, plus sequence data
 SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
 SQD - Protein sequence data, includes RN
 SQD3 - Same as SQD, but 3-letter amino acid codes are used
 SQN - Protein sequence name information, includes RN

CALC - Table of calculated properties
 EPROP - Table of experimental properties
 PROP - EPROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance formats must be cited first. The CA File predefined formats are:

ABS -- Abstract
 APPS -- Application and Priority Information
 BIB -- CA Accession Number, plus Bibliographic Data
 CAN -- CA Accession Number
 CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
 IND -- Index Data
 IPC -- International Patent Classification
 PATS -- PI, SO
 STD -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
 IBIB -- BIB, indented, with text labels
 ISTD -- STD format, indented

OBIB ----- AN, plus Bibliographic Data (original)
 OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indented, with text labels.

For additional information, please consult the following help messages:

HELP DFIELDS -- To see a complete list of individual display fields.

HELP FORMATS -- To see detailed descriptions of the predefined formats.

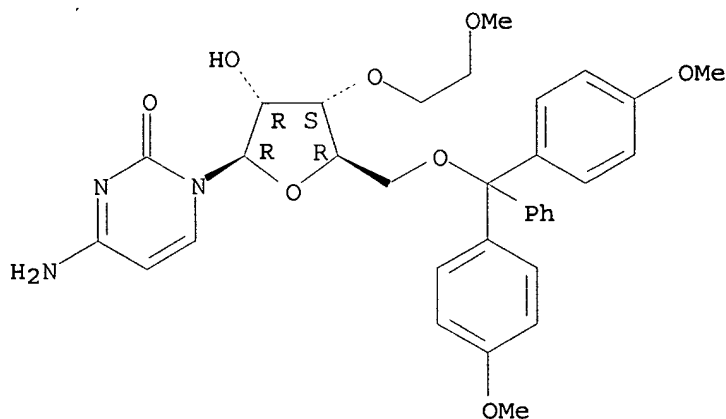
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):159

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN Cytidine, 5'-O- [bis(4-methoxyphenyl)phenylmethyl]-3'-O-(2-methoxyethyl)-
(9CI)

MF C33 H37 N3 O8

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN DNA, d(T-G-C-A-T-C-C-C-C-C-A-G-G-C-C-A-C-C-A-T) (9CI)

SQL 20

MF Unspecified

CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN DNA, d(G-G-T-C-T-T-T-C-T-G-A-C-C-T-G-G-A-A-T-G-A-G-T-G-C-A-G-A-G) (9CI)

SQL 29

MF Unspecified

CI MAN

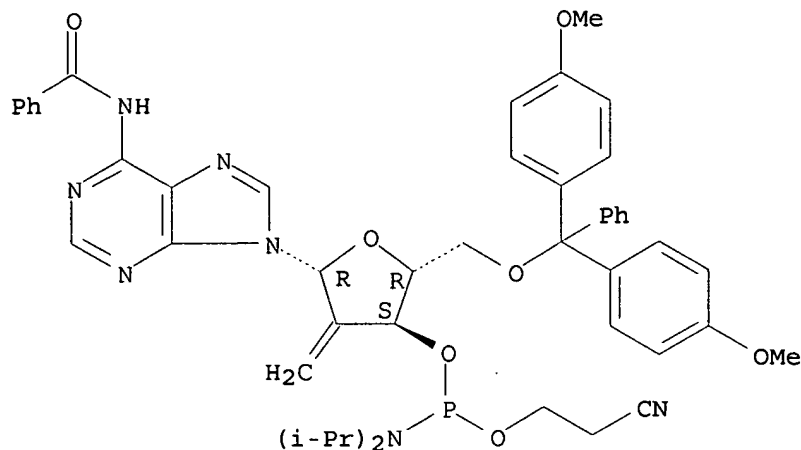
RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Adenosine, N-benzoyl-5'-O- [bis(4-methoxyphenyl)phenylmethyl]-2'-deoxy-2'-methylene-, 3'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
 MF C48 H52 N7 O7 P

Absolute stereochemistry.



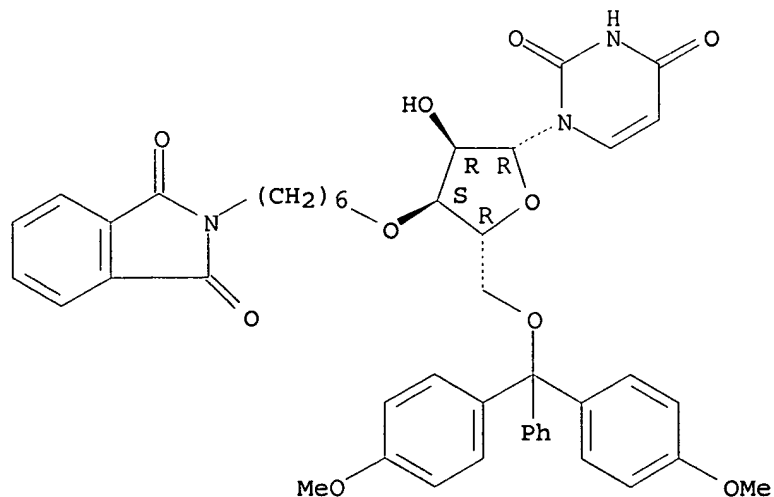
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 2: PN: WO0020622 SEQID: 3 unclaimed RNA (9CI)
 SQL 20
 MF Unspecified
 CI MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Uridine, 5'-O- [bis(4-methoxyphenyl)phenylmethyl]-3'-O- [6-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)hexyl]- (9CI)
 MF C44 H45 N3 O10

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

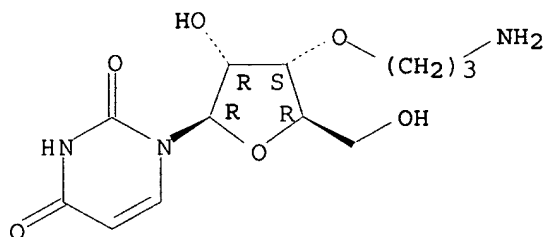
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN DNA, d(P-thio) (A-T-G-C-A-T-T-C-T-G-C-C-C-C-A-A-G-G-A) (9CI)
SQL 19
MF Unspecified
CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Uridine, 3'-O-(3-aminopropyl)- (9CI)
MF C12 H19 N3 O6

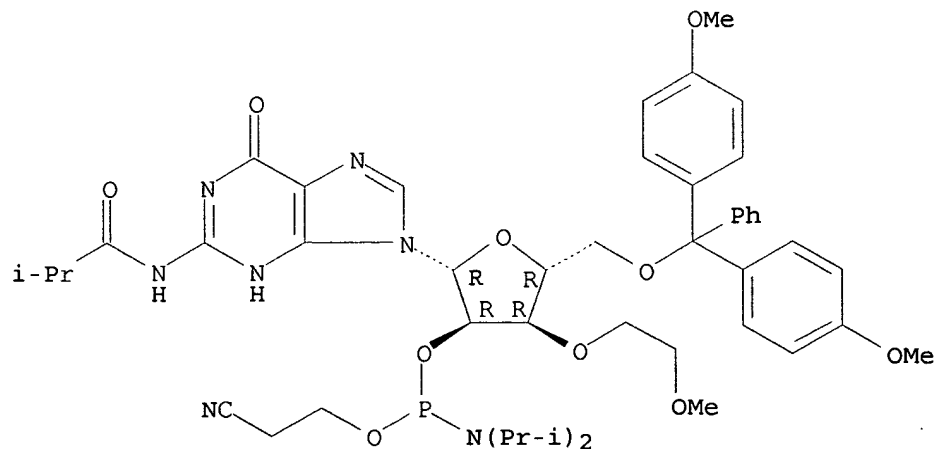
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Guanosine, 5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-(2-methoxyethyl)-N-(2-methyl-1-oxopropyl)-, 2'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
MF C47 H60 N7 O10 P

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

methoxyethyl)]m5rU-[2'-O-(2-methoxyethyl)]m5rU-[2'-O-(2-methoxyethyl)]m5rU) (9CI)
SQL 19
MF Unspecified
CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

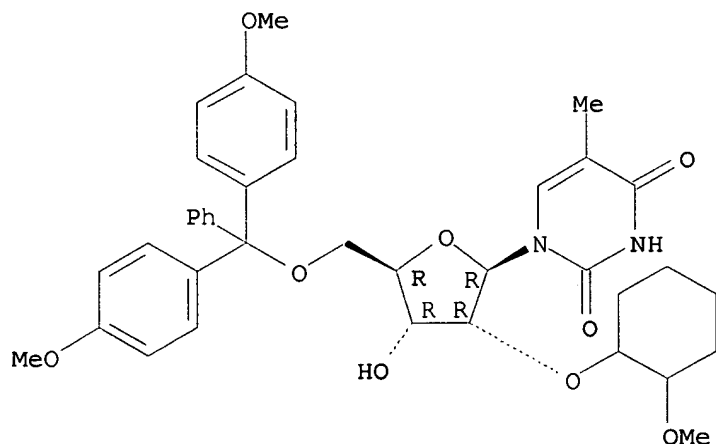
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN DNA, d(T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-U) (9CI)
SQL 19
MF Unspecified
CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Uridine, 5'-O-[bis(4-methoxyphenyl)phenylmethyl]-2'-O-(2-methoxycyclohexyl)-5-methyl- (9CI)
MF C38 H44 N2 O9

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN DNA, d(T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-[3'-O-(2-methoxyethyl)]m5rU-(2'→5')-[3'-O-(2-methoxyethyl)]m5rU-(2'→5')-[3'-O-(2-methoxyethyl)]m5rU-(2'→5')-[3'-O-(2-methoxyethyl)]m5rU) (9CI)
SQL 19
MF Unspecified
CI MAN

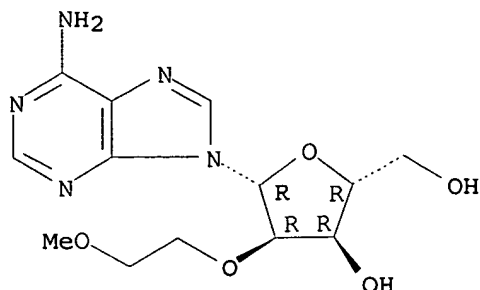
RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN Adenosine, 2'-O-(2-methoxyethyl)- (9CI)
MF C13 H19 N5 O5

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

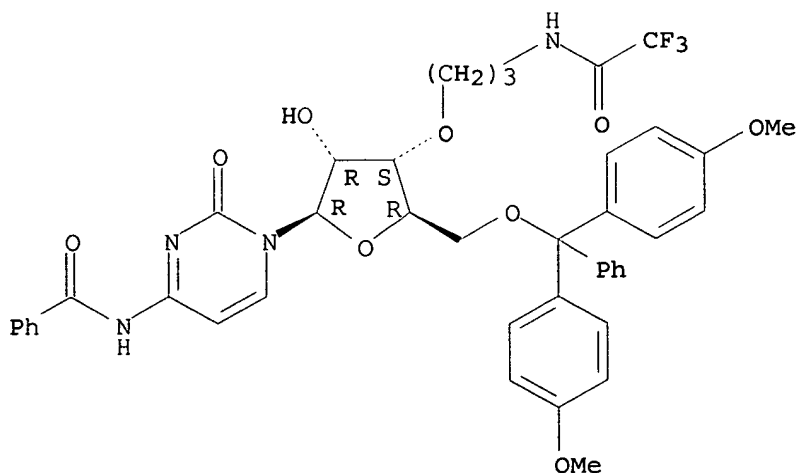
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN RNA, ([3'-O-(2-methoxyethyl)]A-(2'→5')-m5U-sp-G-sp-C-sp-A-sp-m5U-sp-m5U-sp-C-sp-m5U-sp-G-sp-C-sp-C-sp-C-sp-A-sp-A-sp-G-sp-G-(2'→5')-[3'-O-(2-methoxyethyl)]A) (9CI)
SQL 19
MF Unspecified
CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Cytidine, N-benzoyl-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-[3-[(trifluoroacetyl)amino]propyl]- (9CI)
MF C42 H41 F3 N4 O9

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

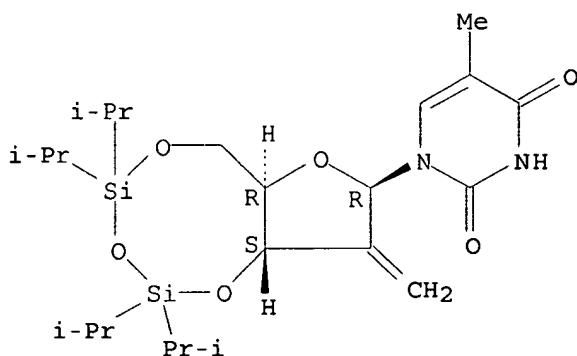
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d(A-sp-T-sp-G-sp-C-sp-A-sp-T-sp-T-sp-C-sp-T-sp-G-sp-C-sp-C-sp-C-sp-C-sp-C-sp-A-sp-A-sp-G-[3'-O-(2-methoxyethyl)]rG-(2'→5')-[3'-O-(2-methoxyethyl)]rA) (9CI)
 SQL 20
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Thymidine, 2'-methylene-3',5'-O-[1,1,3,3-tetrakis(1-methylethyl)-1,3-disiloxanediyl]- (9CI)
 MF C23 H40 N2 O6 Si2

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d(T[methylene(methylimino)oxy]G-sp-C-sp-A-sp-T-sp-C-sp-C-sp-C-sp-C-sp-C-sp-A-sp-G-sp-G-sp-C-sp-C-sp-A-sp-C-sp-C-sp-A[methylene(methylimino)oxy]T) (9CI)
 SQL 20
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Adenosine, N,N-dibenzoyl-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-[3-[(trifluoroacetyl)amino]propyl]-, 2'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
 MF C59 H62 F3 N8 O10 P

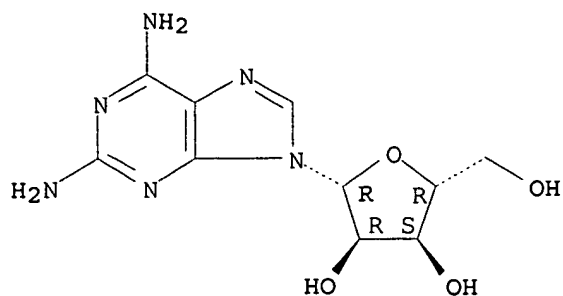
Absolute stereochemistry.



Absolute stereochemistry.



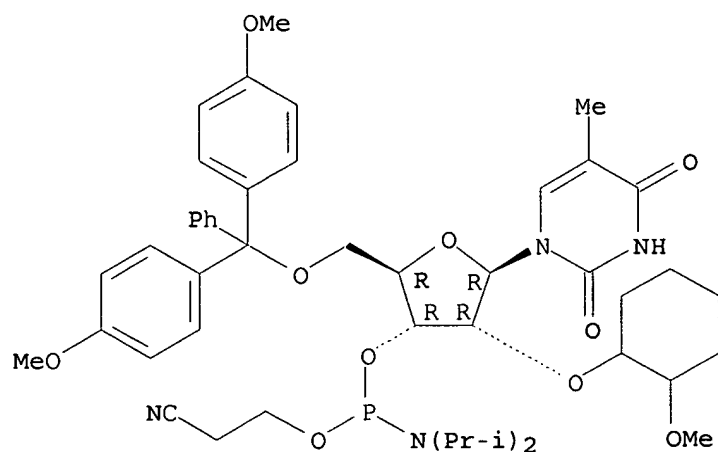
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Uridine, 5'-O- [bis(4-methoxyphenyl)phenylmethyl]-2'-O-(2-methoxycyclohexyl)-5-methyl-, 3'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
 MF C47 H61 N4 O10 P

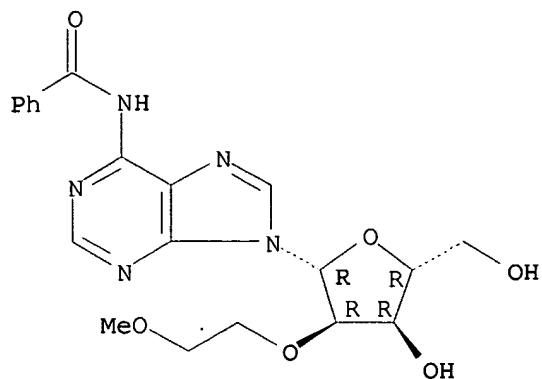
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Adenosine, N-benzoyl-2'-O-(2-methoxyethyl)- (9CI)
 MF C20 H23 N5 O6

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Protein (Saccharomyces cerevisiae chromosome XIII clone cosmid 9959 gene Rnhlp) (9CI)
 SQL 348
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

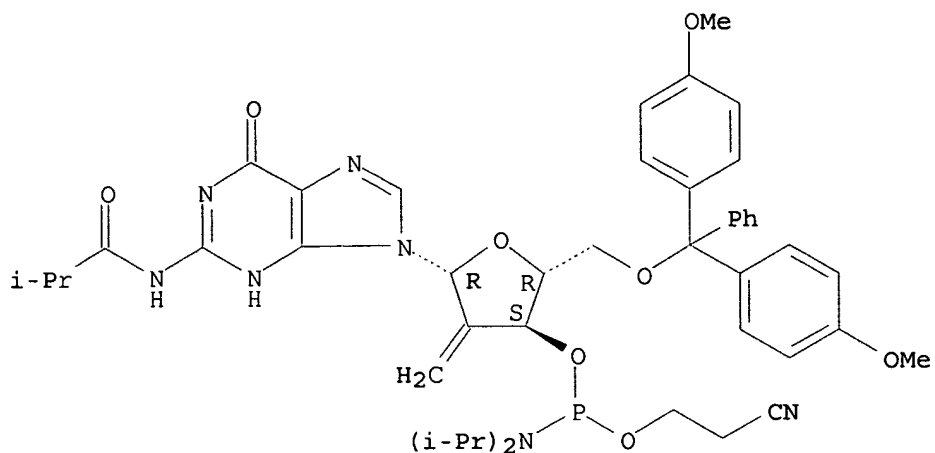
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d(T-T-G-A-T-T-T-T-C-A-T-G-C-C-C-T-T-C-T-G-A-A-A-C-T-T-C-C-G) (9CI)
 SQL 29
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Guanosine, 5'-O-[bis(4-methoxyphenyl)phenylmethyl]-2'-deoxy-2'-methylene-N-(2-methyl-1-oxopropyl)-, 3'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
 MF C45 H54 N7 O8 P

Absolute stereochemistry.

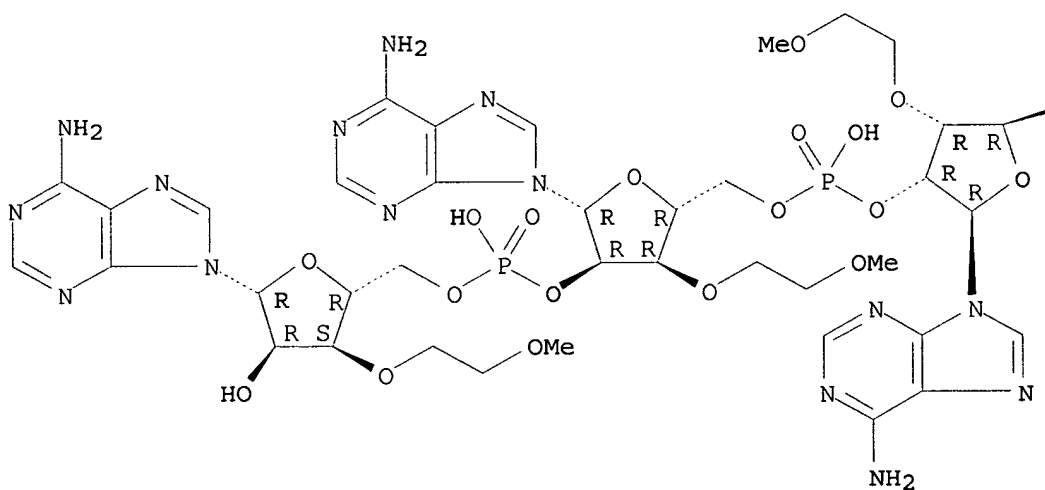


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

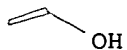
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Adenosine, 3'-O-(2-methoxyethyl)adenylyl-(2'→5')-3'-O-(2-methoxyethyl)adenylyl-(2'→5')-3'-O-(2-methoxyethyl)- (9CI)
 MF C39 H55 N15 O19 P2

Absolute stereochemistry.

PAGE 1-A



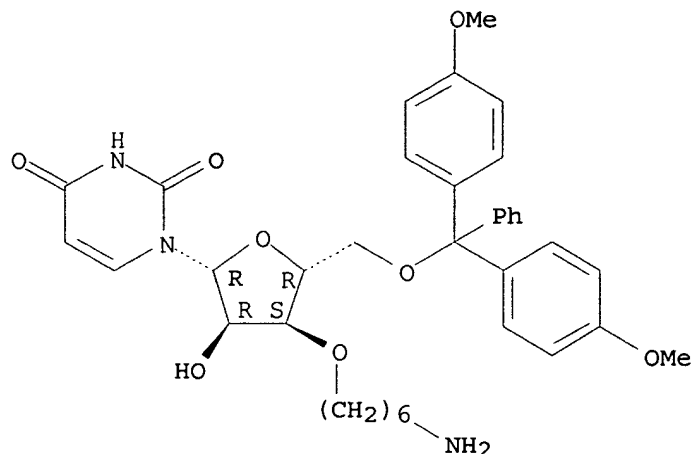
PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Uridine, 3'-O-(6-aminohexyl)-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-(9CI)
 MF C36 H43 N3 O8

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

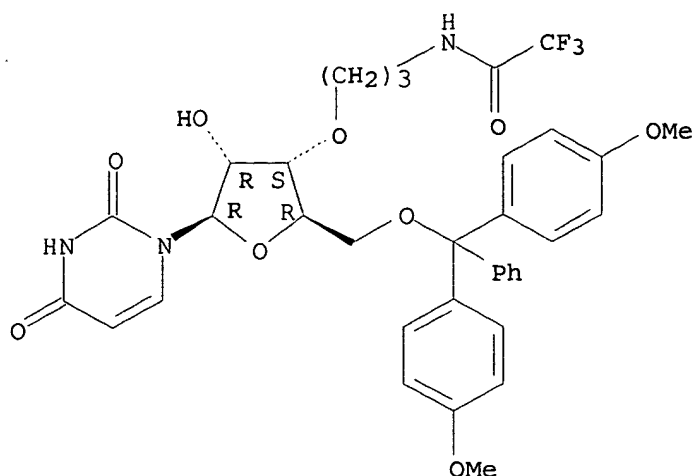
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN RNA, (P-thio)([2'-O-(2-methoxyethyl)]A-[2'-O-(2-methoxyethyl)]m5U-[2'-O-(2-methoxyethyl)]G-[2'-O-(2-methoxyethyl)]m5C-[2'-O-(2-methoxyethyl)]A-[2'-O-(2-methoxyethyl)]m5U-dT-m5dC-dT-dG-m5dC-m5dC-m5dC-m5dC-[2'-O-(2-methoxyethyl)]m5C-[2'-O-(2-methoxyethyl)]A-[2'-O-(2-methoxyethyl)]A-[2'-O-(2-methoxyethyl)]G-[2'-O-(2-methoxyethyl)]G-[2'-O-(2-methoxyethyl)]A)
 (9CI)
 SQL 20
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Uridine, 5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-[3-[(trifluoroacetyl)amino]propyl]-(9CI)
 MF C35 H36 F3 N3 O9

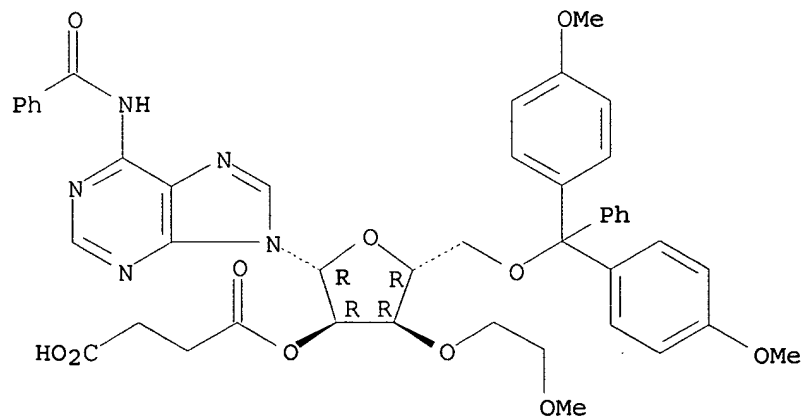
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Adenosine, N-benzoyl-5'-O- [bis(4-methoxyphenyl)phenylmethyl] -3'-(2-
 methoxyethyl)-, 2'-(hydrogen butanedioate) (9CI)
 MF C45 H45 N5 O11

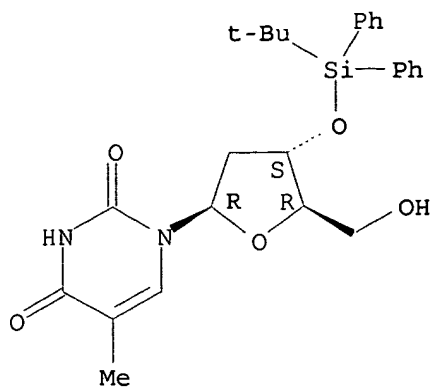
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Thymidine, 3'-O- [(1,1-dimethylethyl)diphenylsilyl] - (9CI)
 MF C26 H32 N2 O5 Si

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

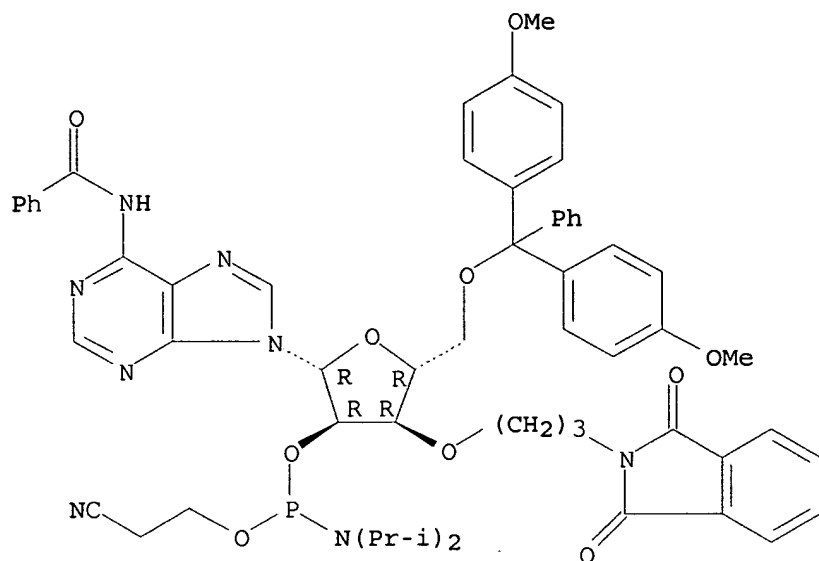
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d(P-thio) ([3'-O-(3-aminopropyl)]rA-(2'→5')-[2'-O-(2-methoxyethyl)]m5rU-[2'-O-(2-methoxyethyl)]rG-[2'-O-(2-methoxyethyl)]m5rC-[2'-O-(2-methoxyethyl)]rA-T-T-m5C-T-G-m5C-m5C-m5C-m5C-m5C-[2'-O-(2-methoxyethyl)]rA-[2'-O-(2-methoxyethyl)]rA-[2'-O-(2-methoxyethyl)]rG-[2'-O-(2-methoxyethyl)]rG-[3'-O-(3-aminopropyl)]A) (9CI)
 SQL 20
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Adenosine, N-benzoyl-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-[3-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)propyl]-, 2'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
 MF C58 H61 N8 O10 P

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN RNA, (P-thio) ([2'-O-(2-methoxyethyl)]m5U-[2'-O-(2-methoxyethyl)]C-[2'-O-(2-methoxyethyl)]C-dG-dT-dC-dA-dT-dC-dG-dC-dT-[2'-O-(2-methoxyethyl)]C-[2'-O-(2-methoxyethyl)]C-[2'-O-(2-methoxyethyl)]m5U-[2'-O-(2-methoxyethyl)]C-[2'-O-(2-methoxyethyl)]A-[2'-O-(2-methoxyethyl)]G-[2'-O-(2-methoxyethyl)]G-[2'-O-(2-methoxyethyl)]G) (9CI)
 SQL 20
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d(C-C-A-C-A-C-C-G-A-C-G-G-C-G-C-C-C) (9CI)
 SQL 17
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Uridine, 2'-O-[2-[(aminocarbonyl)amino]cyclohexyl]-5-methyl- (9CI)
 MF C17 H26 N4 O7

Absolute stereochemistry.



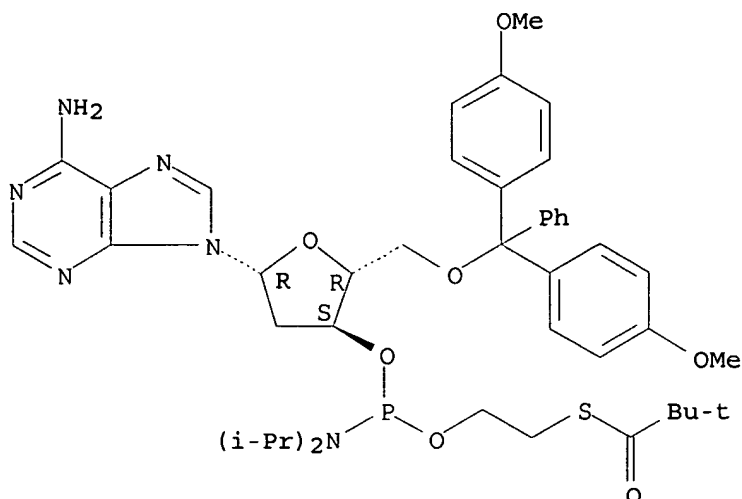
****RELATED SEOUENCES AVAILABLE WITH SEOLINK****

RELATED SEQUENCES AVAILABLE WITH SEOLINK

RELATED SEQUENCES AVAILABLE WITH SEOLINK

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L3 160 ANSWERS   REGISTRY   COPYRIGHT 2006 ACS on STN
IN Adenosine, 5'-O- [bis(4-methoxyphenyl)phenylmethyl]-2'-deoxy-,
   3'-[2-[(2,2-dimethyl-1-oxopropyl)thio]ethyl bis(1-
MF  methyl ethyl)phosphoramidite] (9CI)
   C44 H57 N6 O7 P S
```

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN DNA, d([3'-O-(2-methoxyethyl)]rA-(2'→5')-T-sp-G-sp-C-sp-A-sp-T-sp-T-sp-C-sp-T-sp-G-sp-C-sp-C-sp-A-sp-A-sp-A-sp-A-sp-A-sp-G-[3'-O-(2-methoxyethyl)]rG-(2'→5')-[3'-O-(2-methoxyethyl)]rA) (9CI)
SQL 20
MF Unspecified
CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN DNA, d(G-G-A-T-G-G-T-C-A-G-C-G-C-A-C-T-C-T-T-G-C-C-C-A-C-A-C-C-G-A-C-G-G-C-G-C-C-C-A-C-C-A-C-C-A-C-C), double-stranded complementary (9CI)
SQL 47
MF Unspecified
CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

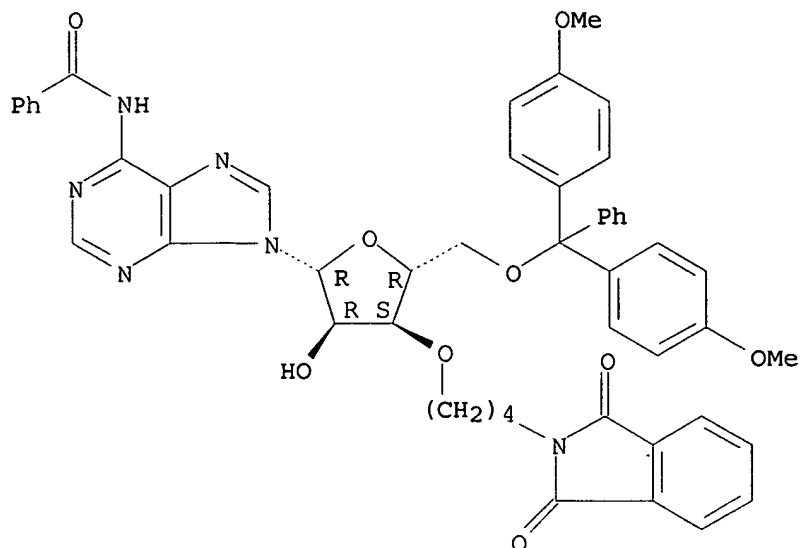
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN RNA, (U-G-G-U-G-G-G-C-G-C-C-G-U-C-G-G-U-G-U-G-G-G-C-A-A) (9CI)
SQL 25
MF Unspecified
CI MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Adenosine, N-benzoyl-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-[4-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)butyl]- (9CI)
MF C50 H46 N6 O9

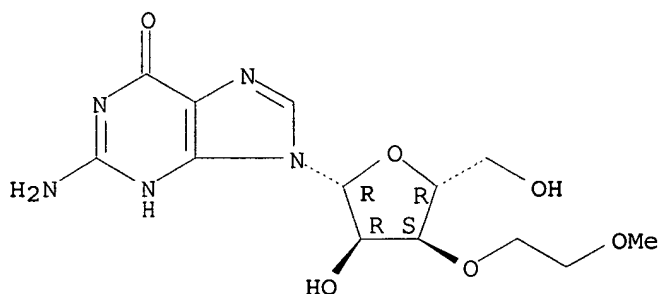
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Guanosine, 3'-O-(2-methoxyethyl)- (9CI)
 MF C13 H19 N5 O6

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Nuclease, hybrid ribo- (9CI)
 MF Unspecified
 CI MAN

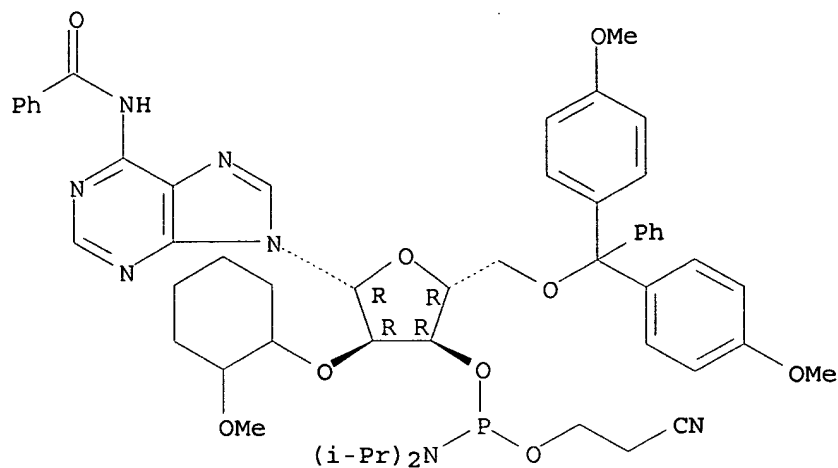
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Adenosine, N-benzoyl-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-2'-O-(2-methoxycyclohexyl)-, 3'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)

MF C54 H64 N7 O9 P

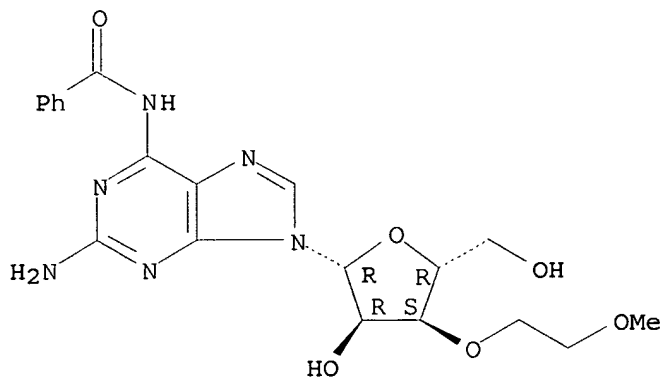
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Adenosine, 2-amino-N-benzoyl-3'-O-(2-methoxyethyl)- (9CI)
MF C20 H24 N6 O6

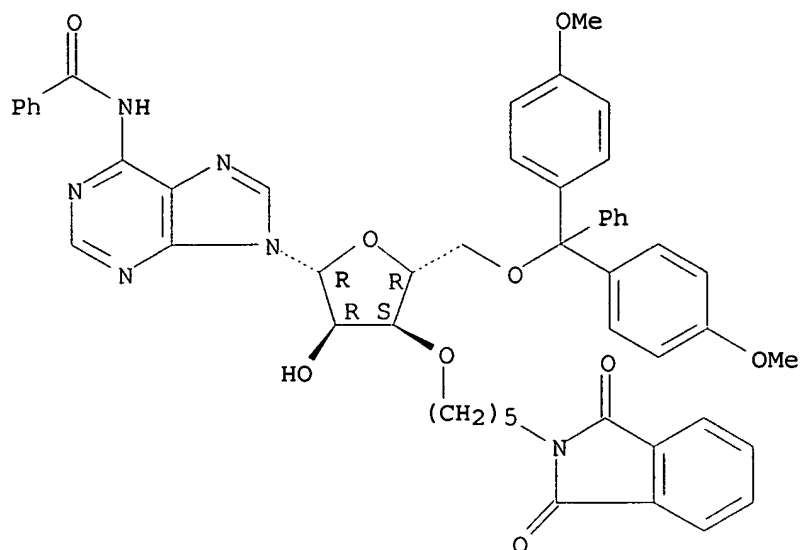
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Adenosine, N-benzoyl-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-[5-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)pentyl]- (9CI)
MF C51 H48 N6 O9

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

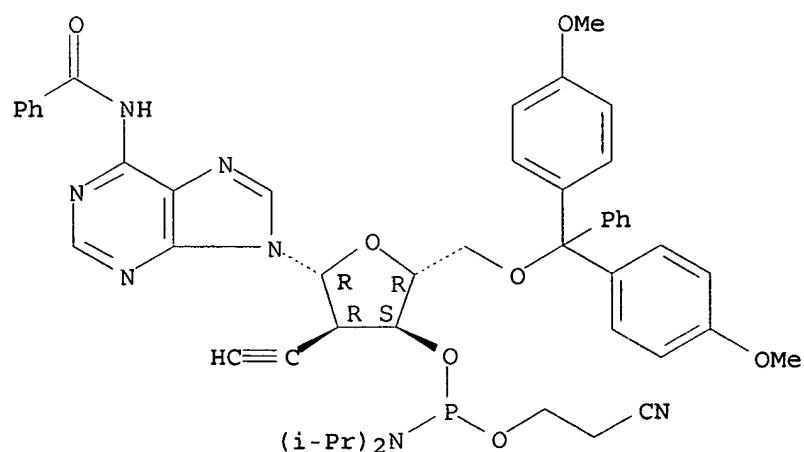
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d(G-G-G-C-G-C-C-G-T-C-G-G-T-G-T-G-G) (9CI)
 SQL 17
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Adenosine, N-benzoyl-5'-O- [bis(4-methoxyphenyl)phenylmethyl]-2'-deoxy-2'-ethynyl-, 3'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
 MF C49 H52 N7 O7 P

Absolute stereochemistry.

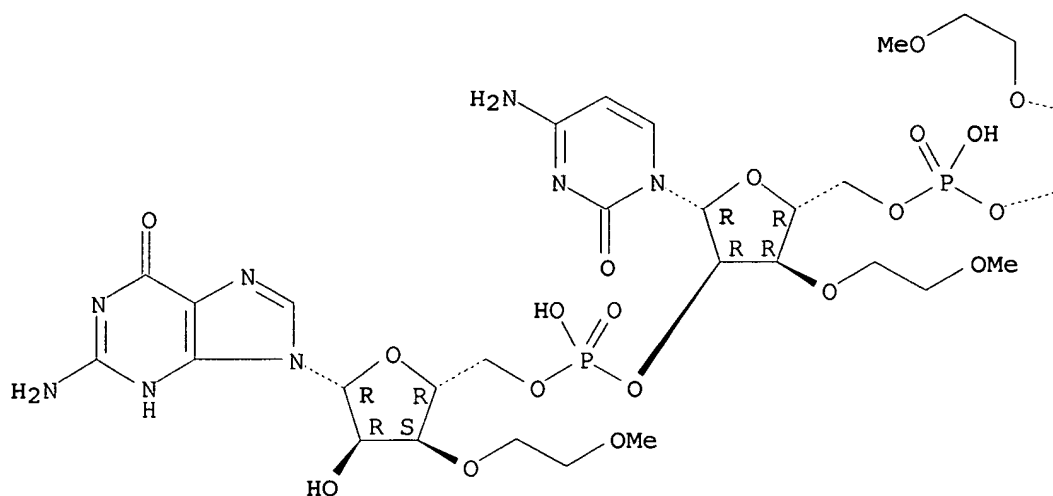


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

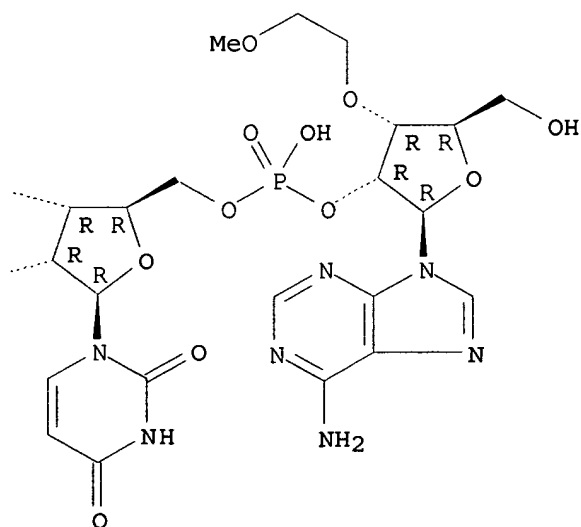
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Guanosine, 3'-O-(2-methoxyethyl)adenylyl-(2'→5')-3'-O-(2-methoxyethyl)uridylyl-(2'→5')-3'-O-(2-methoxyethyl)cytidylyl-(2'→5')-3'-O-(2-methoxyethyl)- (9CI)
MF C50 H72 N15 O30 P3

Absolute stereochemistry.

PAGE 1-A



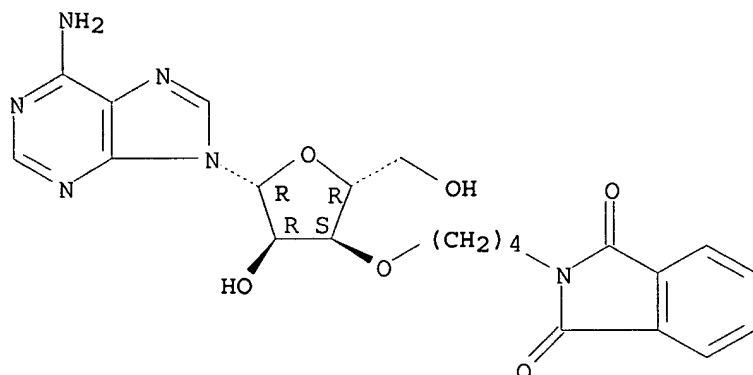
PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Adenosine, 3'-O-[4-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)butyl]- (9CI)
 MF C22 H24 N6 O6

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

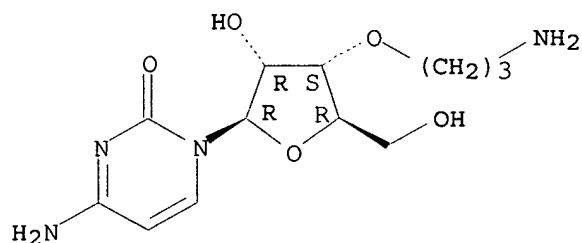
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d(P-thio) (A-T-G-m5C-A-T-T-m5C-T-G-m5C-m5C-m5C-m5C-m5C-A-A-G-G-A)
 (9CI)
 SQL 20
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Cytidine, 3'-O-(3-aminopropyl)- (9CI)
 MF C12 H20 N4 O5

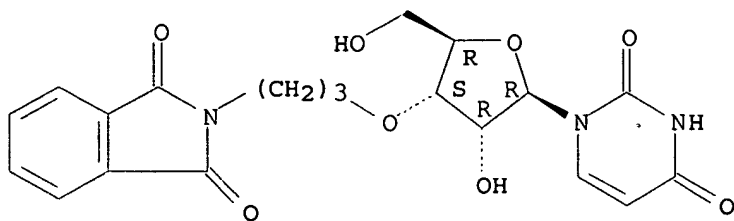
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Uridine, 3'-O-[3-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)propyl]- (9CI)
 MF C20 H21 N3 O8

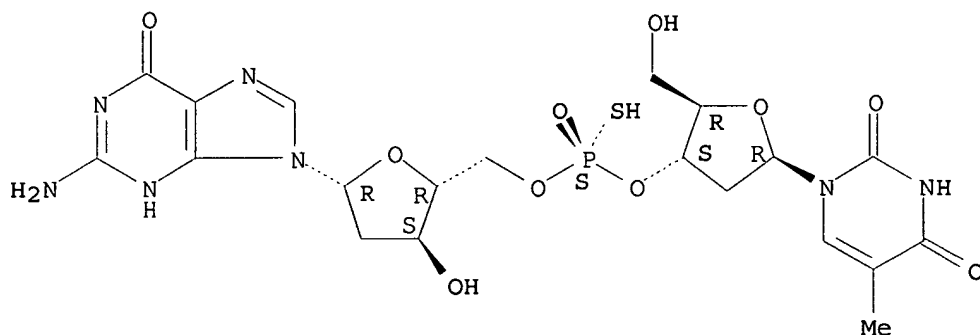
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Guanosine, [P(S)]-P-thiothymidylyl-(3'→5')-2'-deoxy- (9CI)
 MF C20 H26 N7 O10 P S

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d([2'-O-(3-aminopropyl)]rA-[2'-O-(2-methoxyethyl)]m5rU-[2'-O-(2-methoxyethyl)]rG-[2'-O-(2-methoxyethyl)]m5rC-[2'-O-(2-methoxyethyl)]rA-sp-T-sp-T-sp-m5C-sp-T-sp-G-sp-m5C-sp-m5C-sp-m5C-sp-m5C-sp-m5C-sp-[2'-O-(2-methoxyethyl)]rA-[2'-O-(2-methoxyethyl)]rA-[2'-O-(2-methoxyethyl)]rG-[2'-O-(2-methoxyethyl)]rG-[2'-O-(3-aminopropyl)]rA) (9CI)
 SQL 20
 MF Unspecified
 CI MAN

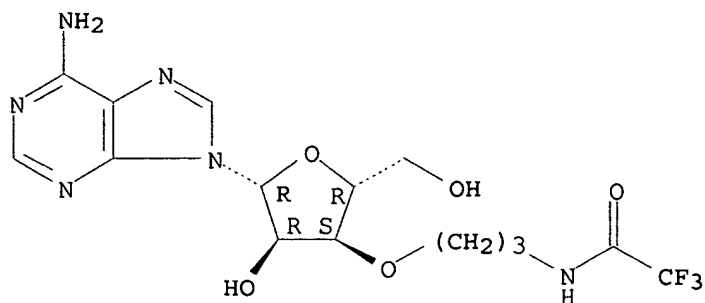
RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Adenosine, 3'-O-[3-[(trifluoroacetyl)amino]propyl]- (9CI)
 MF C15 H19 F3 N6 O5

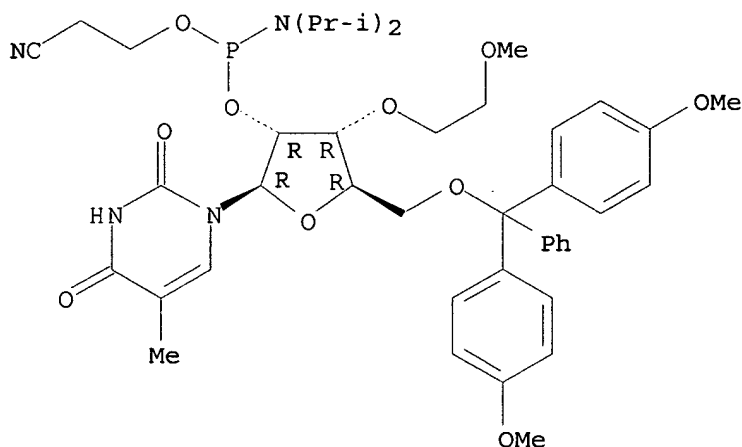
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Uridine, 5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-(2-methoxyethyl)-5-methyl-, 2'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
 MF C43 H55 N4 O10 P

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN RNA, (P-thio)([2'-O-(2-methoxyethyl)]m5U-[2'-O-(2-methoxyethyl)]C-[2'-O-(2-methoxyethyl)]A-dG-dT-dA-dA-dT-dA-dG-dC-dC-[2'-O-(2-methoxyethyl)]G-[2'-O-(2-methoxyethyl)]C-[2'-O-(2-methoxyethyl)]C-[2'-O-(2-methoxyethyl)]C-[2'-O-(2-methoxyethyl)]C-[2'-O-(2-methoxyethyl)]A-[2'-O-(2-methoxyethyl)]C-[2'-O-(2-methoxyethyl)]A-[2'-O-(2-methoxyethyl)]m5U-[2'-O-(2-methoxyethyl)]G-[2'-O-(2-methoxyethyl)]C) (9CI)
 SQL 23
 MF Unspecified
 CI MAN

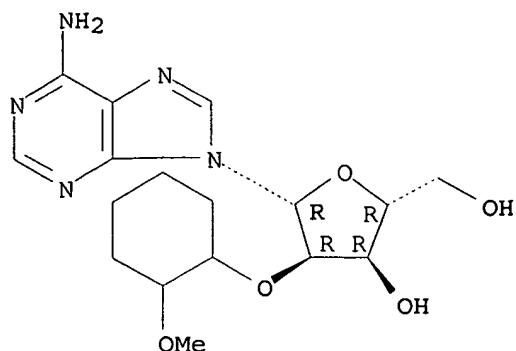
RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Adenosine, 2'-O-(2-methoxycyclohexyl)- (9CI)

MF C17 H25 N5 O5

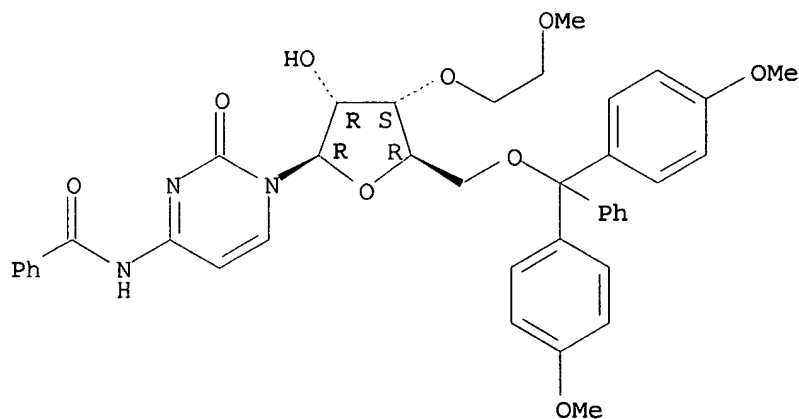
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Cytidine, N-benzoyl-5'-O- [bis(4-methoxyphenyl)phenylmethyl] -3'-O- (2-methoxyethyl) - (9CI)
MF C40 H41 N3 O9

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN DNA, d(G-C-C-C-A-A-G-C-T-G-G-C-A-T-C-C-G-T-C-A) (9CI)
SQL 20
MF Unspecified
CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

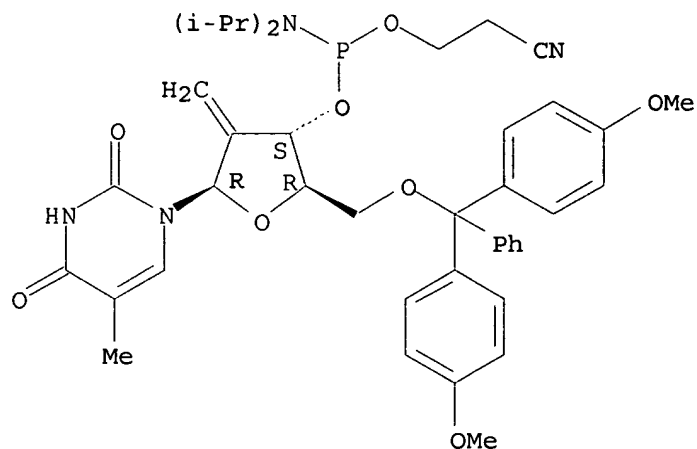
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN DNA, d(C-T-G-T-T-C-C-T-G-G-C-C-C-A-C-A-G-A-G-T-C-G-C-C-T-T-G-G) (9CI)
SQL 28
MF Unspecified
CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Thymidine, 5'-O- [bis(4-methoxyphenyl)phenylmethyl]-2'-methylene-,
3'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
MF C41 H49 N4 O8 P

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN DNA, d([3'-O-(2-methoxyethyl)]rA-(2'→5')-[3'-O-(2-methoxyethyl)]m5rU-(2'→5')-G-sp-C-sp-A-sp-T-sp-T-sp-C-sp-T-sp-G-sp-C-sp-C-sp-A-sp-A-sp-A-sp-A-sp-A-sp-G-[3'-O-(2-methoxyethyl)]rG-(2'→5')-[3'-O-(2-methoxyethyl)]rA) (9CI)
SQL 20
MF Unspecified
CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN DNA, d(P-thio)(T-G-C-A-T-C-C-C-C-C-A-G-G-C-C-A-C-C-A-T) (9CI)
SQL 20
MF Unspecified
CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

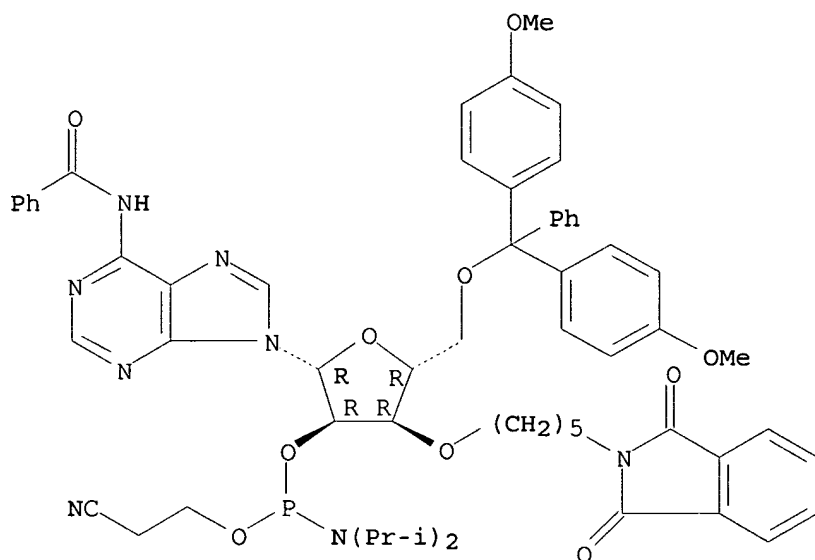
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN DNA, d([2'-O-(2-methoxyethyl)]m5rU-[2'-O-(2-methoxyethyl)]rC-[2'-O-(2-methoxyethyl)]rA-G-sp-T-sp-A-sp-A-sp-T-sp-A-sp-G-sp-C-sp-C-sp-G-sp-C-sp-C-sp-G-sp-[2'-O-(2-methoxyethyl)]rC-[2'-O-(2-methoxyethyl)]rC) (9CI)
SQL 18
MF Unspecified
CI MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Adenosine, N-benzoyl-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-[5-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)pentyl]-, 2'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
MF C60 H65 N8 O10 P

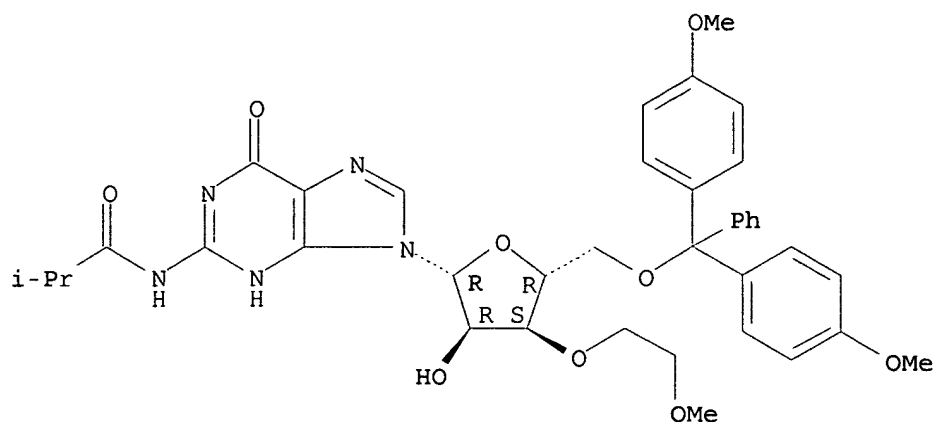
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Guanosine, 5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-(2-methoxyethyl)-N-(2-methyl-1-oxopropyl)- (9CI)
MF C38 H43 N5 O9

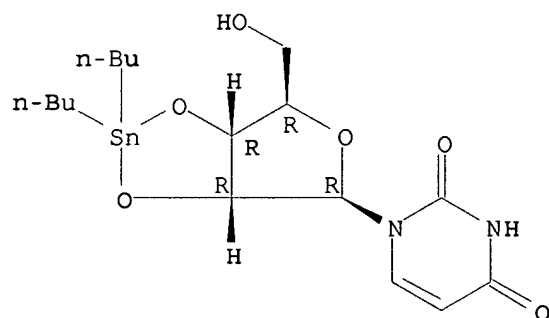
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Uridine, 2',3'-O-(dibutylstannylene)- (9CI)
 MF C17 H28 N2 O6 Sn

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

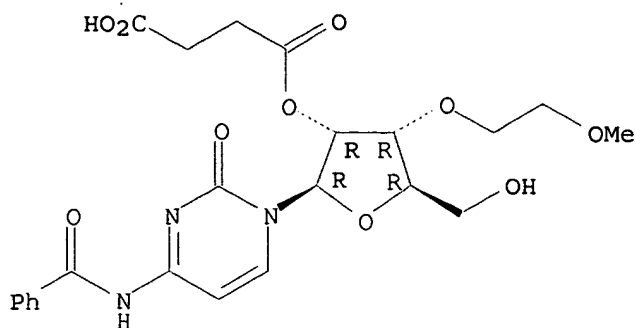
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d(P-thio)(T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-[2'-O-(2-methoxyethyl)]m5rU-[2'-O-(2-methoxyethyl)]m5rU-[2'-O-(2-methoxyethyl)]m5rU-[2'-O-(2-methoxyethyl)]m5rU) (9CI)
 SQL 19
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Cytidine, N-benzoyl-3'-O-(2-methoxyethyl)-, 2'-(hydrogen butanedioate) (9CI)
 MF C23 H27 N3 O10

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Nuclease, hybrid ribo- (human isoenzyme II) (9CI)
 SQL 286
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

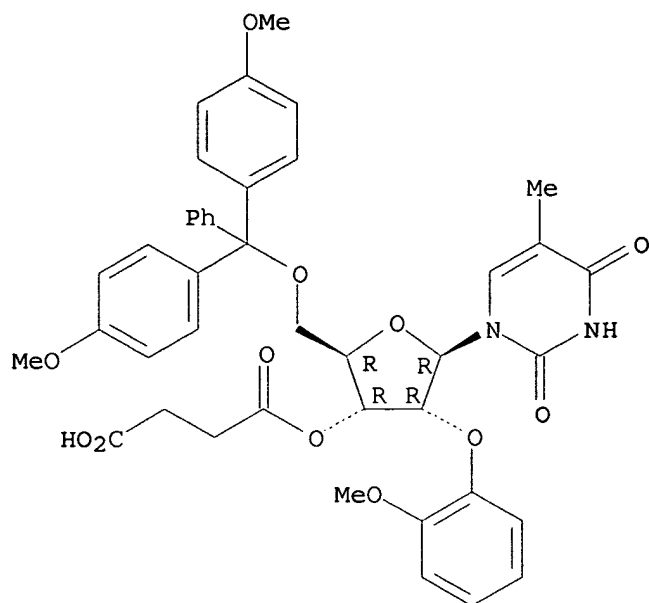
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 15: PN: WO0123613 SEQID: 16 unclaimed sequence (9CI)
 SQL 11
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Uridine, 5'-O-[bis(4-methoxyphenyl)phenylmethyl]-2'-O-(2-methoxyphenyl)-5-methyl-, 3'-(hydrogen butanedioate) (9CI)
 MF C42 H42 N2 O12

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

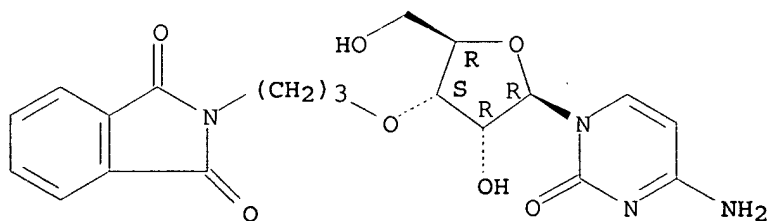
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d(P-thio) ([3'-O-(2-methoxyethyl)]rA-(2'→5')-T-G-C-A-T-T-C-T-G-
 C-C-C-C-A-A-G-G-[3'-O-(2-methoxyethyl)]rA) (9CI)
 SQL 20
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Cytidine, 3'-O-[3-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)propyl]- (9CI)
 MF C20 H22 N4 O7

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN RNA, ([3'-O-(2-methoxyethyl)]A-(2'→5')-m5U-G-C-A-sp-m5U-sp-m5U-sp-C-
 sp-m5U-sp-G-sp-C-sp-C-sp-C-sp-C-sp-A-A-G-G-[3'-O-(2-methoxyethyl)]A) (9CI)
 SQL 19

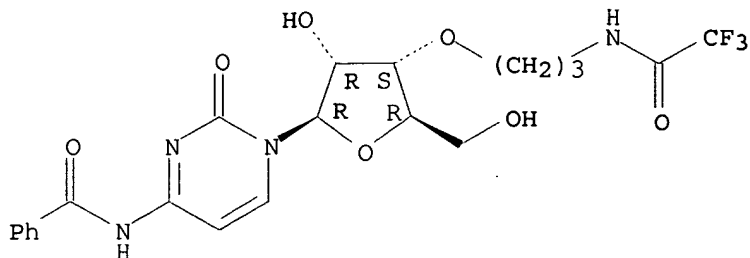
MF Unspecified
CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Cytidine, N-benzoyl-3'-O-[3-[(trifluoroacetyl)amino]propyl]- (9CI)
MF C21 H23 F3 N4 O7

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN DNA, d(P-thio) (A-T-G-C-A-T-T-C-T-G-C-C-C-C-A-A-G- [3'-O-(2-methoxyethyl)]rG-(2'→5')-[3'-O-(2-methoxyethyl)]rA) (9CI)
SQL 20
MF Unspecified
CI MAN

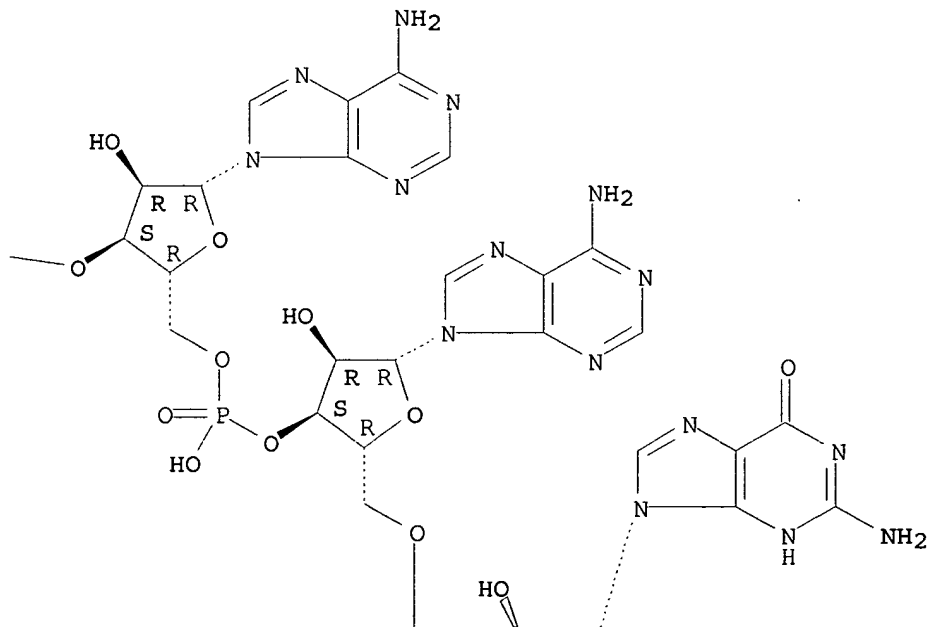
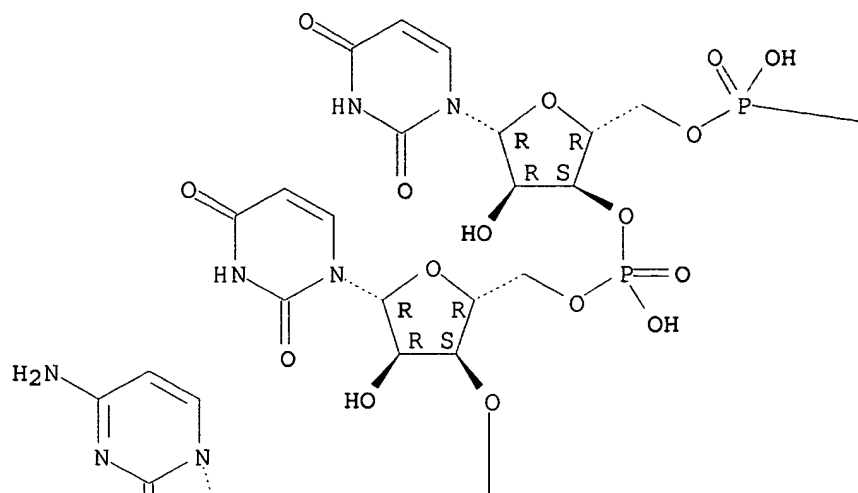
RELATED SEQUENCES AVAILABLE WITH SEQLINK

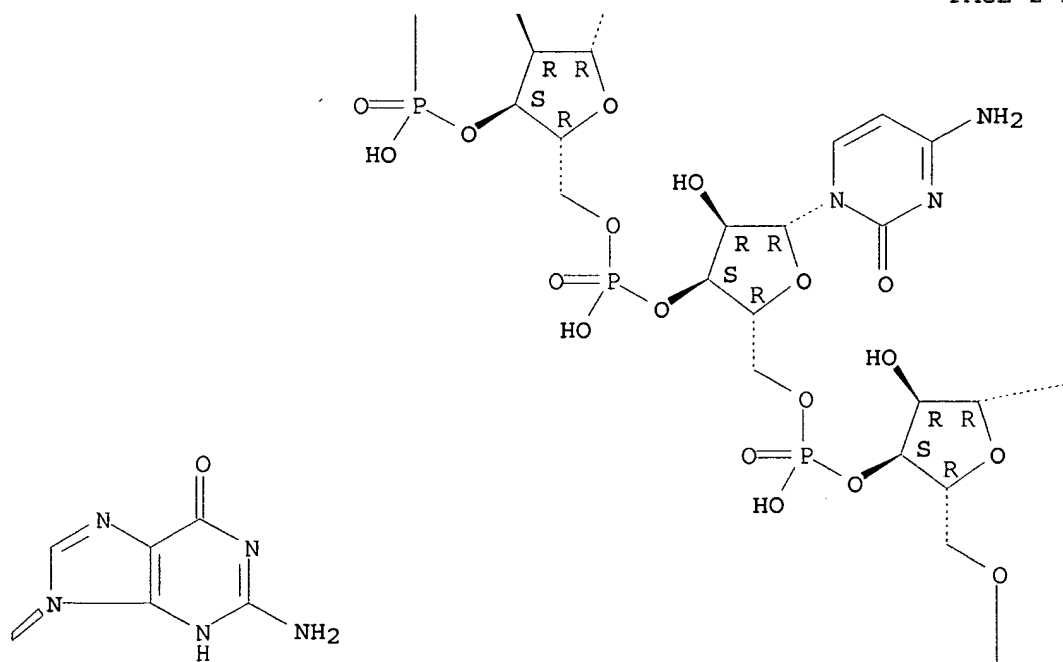
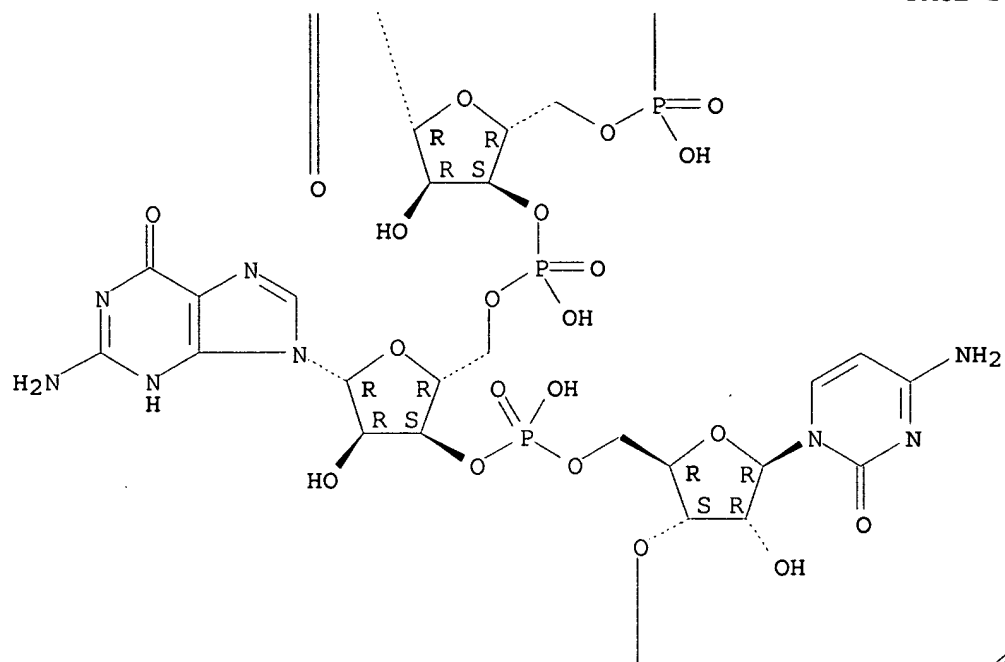
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

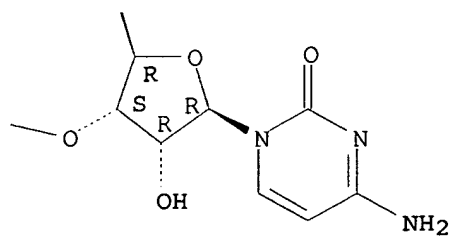
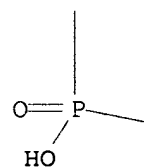
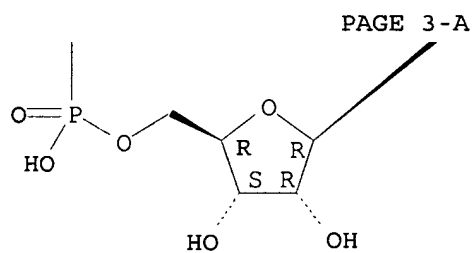
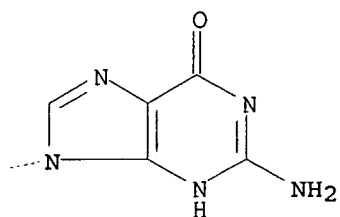
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN RNA, (C-G-C-G-A-A-U-U-C-G-C-G) (9CI)
SQL 12
MF C114 H143 N46 O82 P11

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.







PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

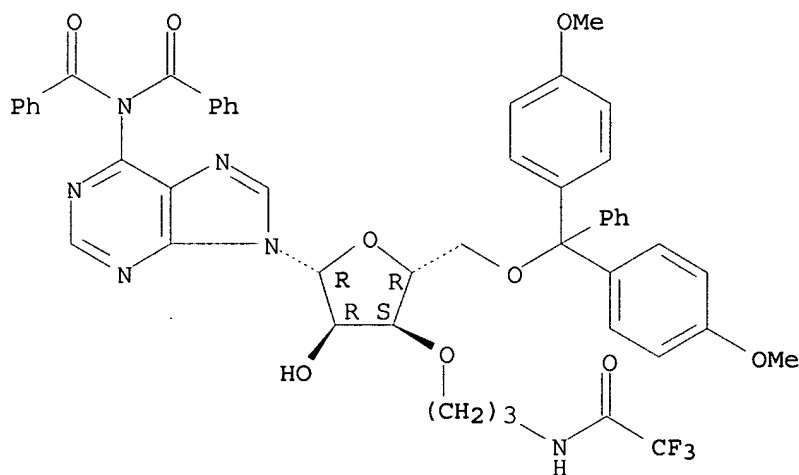
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN DNA, d(T-sp-G-sp-C-sp-A-sp-T-sp-C-sp-C-sp-C-sp-C-sp-A-sp-G-sp-G-sp-C-sp-C-sp-A-sp-C-sp-C-sp-A[methylene(methylimino)oxy]T) (9CI)
SQL 20
MF Unspecified
CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Adenosine, N,N-dibenzoyl-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-[3-[(trifluoroacetyl)amino]propyl]- (9CI)
MF C50 H45 F3 N6 O9

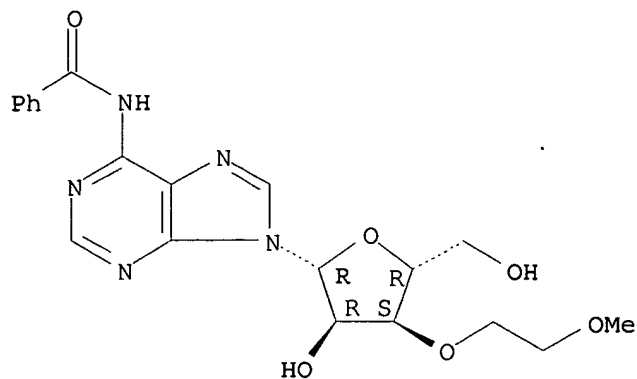
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

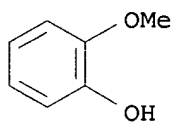
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Adenosine, N-benzoyl-3'-O-(2-methoxyethyl)- (9CI)
MF C20 H23 N5 O6

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

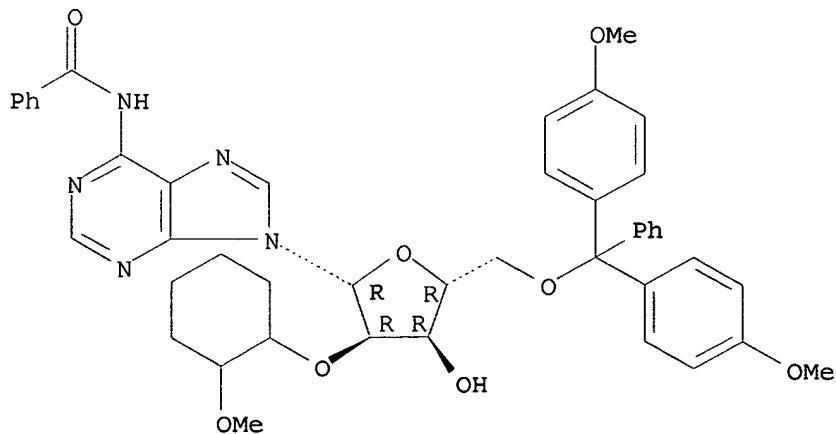
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Phenol, 2-methoxy- (9CI)
 MF C7 H8 O2
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Adenosine, N-benzoyl-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-2'-O-(2-methoxycyclohexyl)- (9CI)
 MF C45 H47 N5 O8

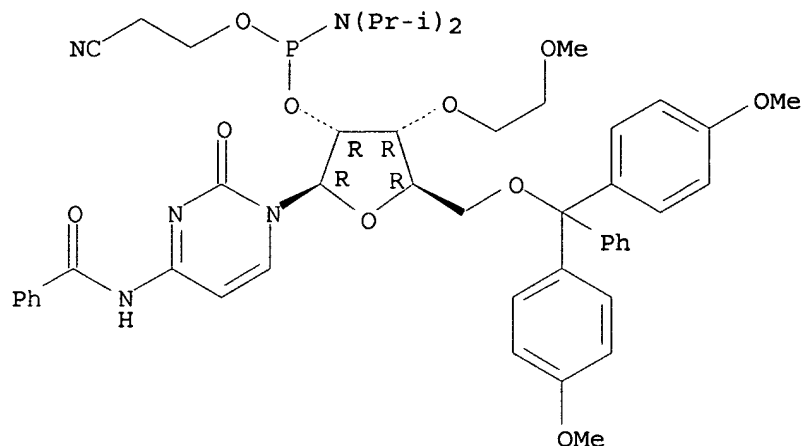
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Cytidine, N-benzoyl-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-(2-methoxyethyl)-, 2'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
MF C49 H58 N5 O10 P

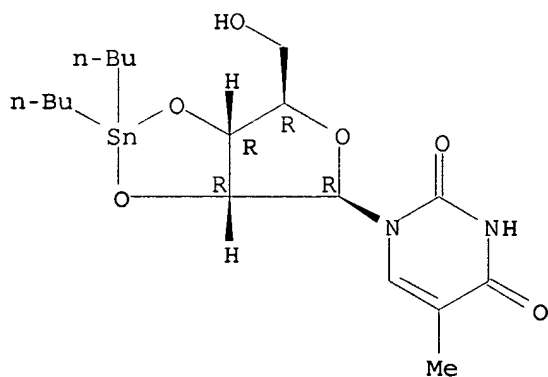
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Uridine, 2',3'-O-(dibutylstannylene)-5-methyl- (9CI)
MF C18 H30 N2 O6 Sn

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN DNA, d(C-T-T-G-C-C-T-G-G-T-T-T-C-G-C-C-C-T-C-C-G-A-T-T-C-T-T-G-T) (9CI)

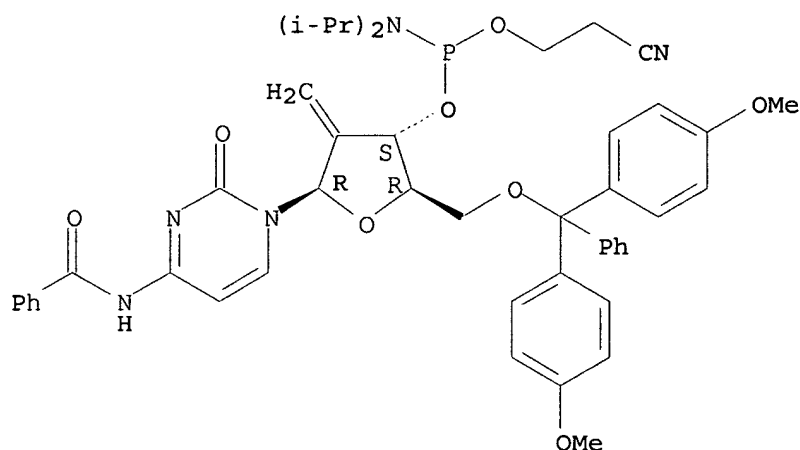
SQL 29
MF Unspecified
CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Cytidine, N-benzoyl-5'-O- [bis(4-methoxyphenyl)phenylmethyl]-2'-deoxy-2'-
methylene-, 3'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
MF C47 H52 N5 O8 P

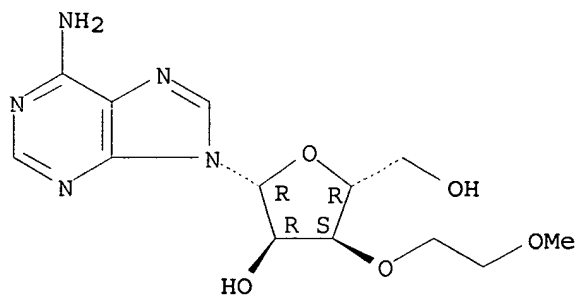
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Adenosine, 3'-O-(2-methoxyethyl)- (9CI)
MF C13 H19 N5 O5

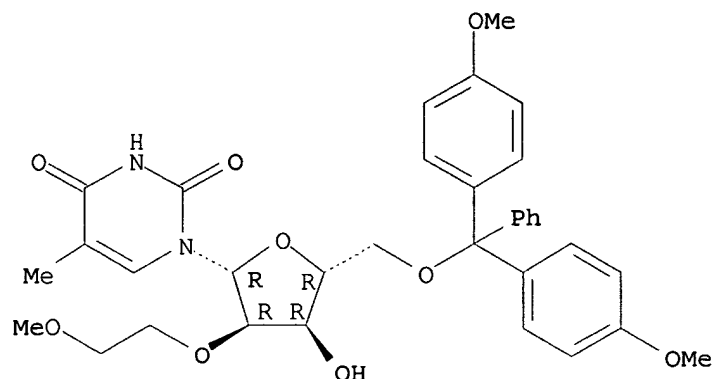
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Uridine, 5'-O- [bis(4-methoxyphenyl)phenylmethyl]-2'-O-(2-methoxyethyl)-5-
methyl- (9CI)
MF C34 H38 N2 O9

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

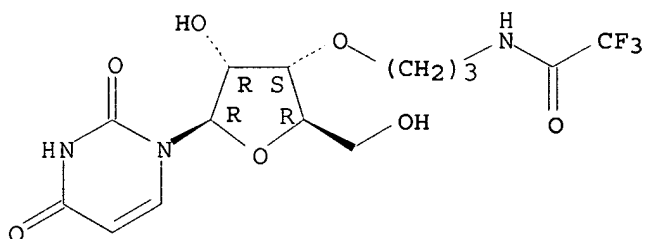
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN RNA, (P-thio) (G-G-G-C-G-C-C-G-U-C-G-G-U-G-U-G-G) (9CI)
SQL 17
MF Unspecified
CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Uridine, 3'-O-[3-[(trifluoroacetyl)amino]propyl]- (9CI)
MF C14 H18 F3 N3 O7

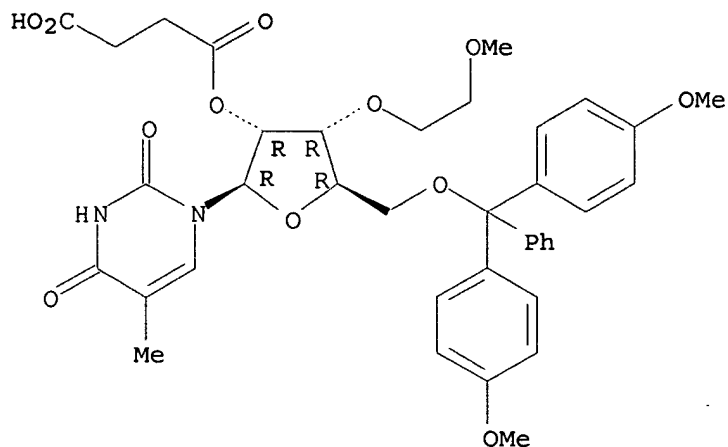
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Uridine, 5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-(2-methoxyethyl)-5-methyl-, 2'-(hydrogen butanedioate) (9CI)
MF C38 H42 N2 O12

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Oxygenase, arachidonate 5-lip- (9CI)
 MF Unspecified
 CI MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d(P-thio) ([3'-O-(3-aminopropyl)]rA-(2'→5')-T-G-m5C-A-T-T-m5C-T-G-m5C-m5C-m5C-m5C-m5C-A-A-G-G-[3'-O-(3-aminopropyl)]A) (9CI)
 SQL 20
 MF Unspecified
 CI MAN

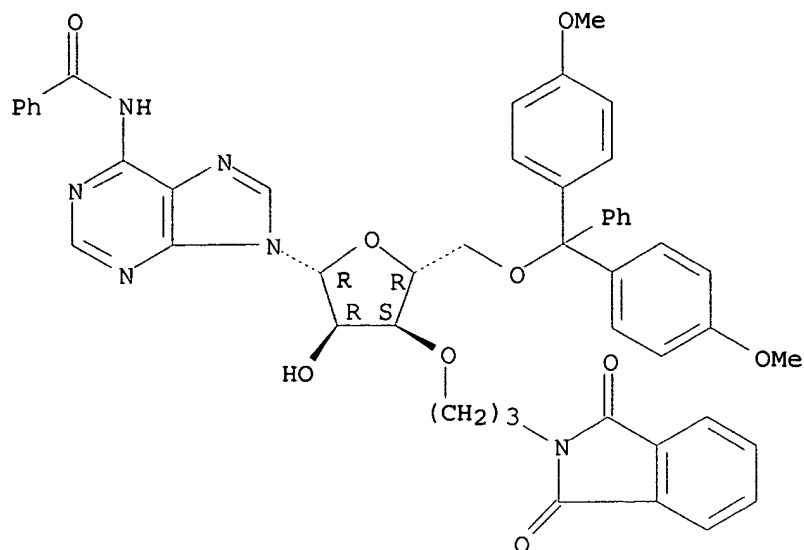
RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Adenosine, N-benzoyl-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-[3-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)propyl]- (9CI)
 MF C49 H44 N6 O9

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d(A-T-G-C-A-T-T-C-T-G-C-C-C-C-C-A-A-G-G-A) (9CI)
 SQL 20
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

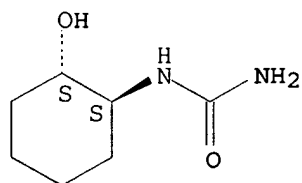
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN RNA, (U-G-G-U-G-G-G-C-A-A-U-G-G-G-C-G-U-G-U-U) (9CI)
 SQL 20
 MF Unspecified
 CI MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Urea, [(1R,2R)-2-hydroxycyclohexyl]-, rel- (9CI)
 MF C7 H14 N2 O2

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

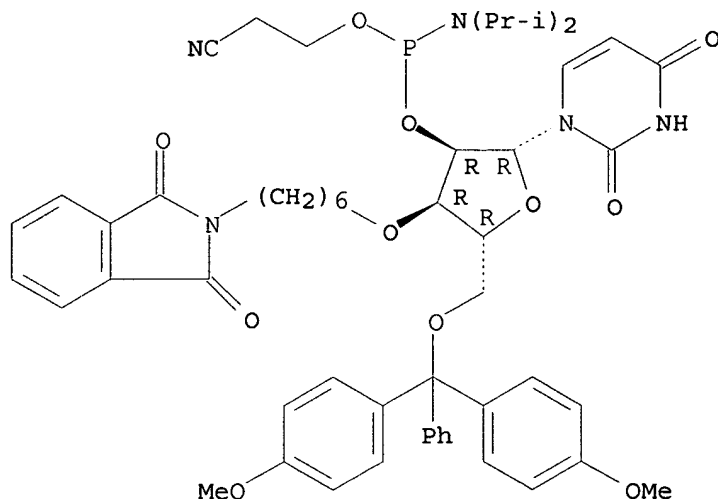
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d(P-thio)(T-T-T-T-T-T-T-T-T-T-T-T-T-T-T-[3'-O-(2-methoxyethyl)]m5rU-(2'→5')-[3'-O-(2-methoxyethyl)]m5rU-(2'→5')-[3'-O-(2-methoxyethyl)]m5rU-(2'→5')-[3'-O-(2-methoxyethyl)]m5rU) (9CI)
 SQL 19
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Uridine, 5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-[6-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)hexyl]-, 2'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
 MF C53 H62 N5 O11 P

Absolute stereochemistry.



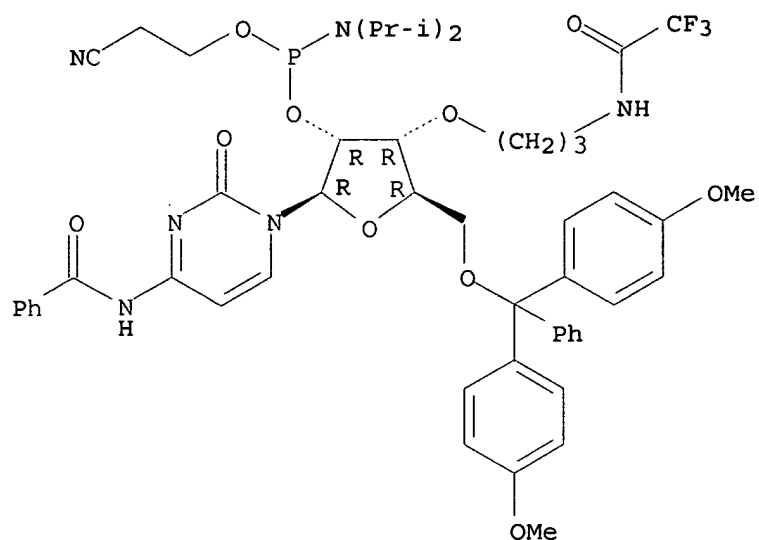
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN RNA, (A-m5U-G-C-A-sp-m5U-sp-m5U-sp-C-sp-m5U-sp-G-sp-C-sp-C-sp-C-sp-C-sp-C-sp-A-A-G-G-A) (9CI)
 SQL 20
 MF Unspecified
 CI MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Cytidine, N-benzoyl-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-[3-[(trifluoroacetyl)amino]propyl]-, 2'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
 MF C51 H58 F3 N6 O10 P

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

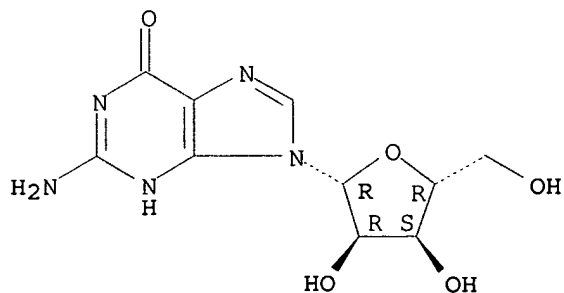
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d(P-thio) ([3'-O-(2-methoxyethyl)]rA-(2'→5')-T-G-C-A-T-T-C-T-G-
 C-C-C-C-C-A-A-G-[3'-O-(2-methoxyethyl)]rG-(2'→5')-[3'-O-(2-
 methoxyethyl)]rA) (9CI)
 SQL 20
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Guanosine, hydrate (9CI)
 MF C10 H13 N5 O5 . x H2 O

Absolute stereochemistry.



● x H₂O

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN RNA, (G-G-G-C-G-C-C-G-U-C-G-G-U-G-U-G-G) (9CI)
SQL 17
MF Unspecified
CI MAN

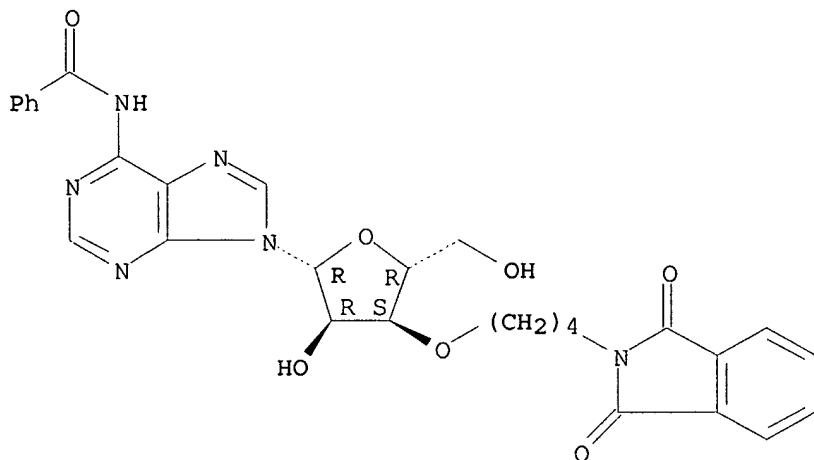
RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Adenosine, N-benzoyl-3'-O-[4-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)butyl]- (9CI)
MF C29 H28 N6 O7

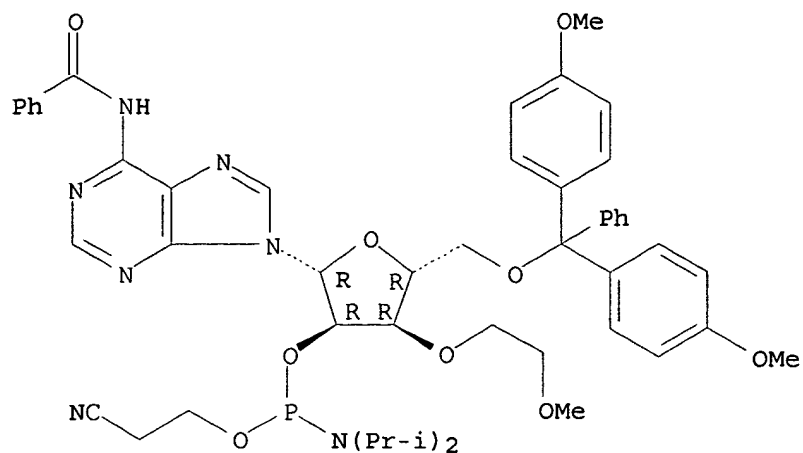
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Adenosine, N-benzoyl-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-(2-methoxyethyl)-, 2'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
MF C50 H58 N7 O9 P

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

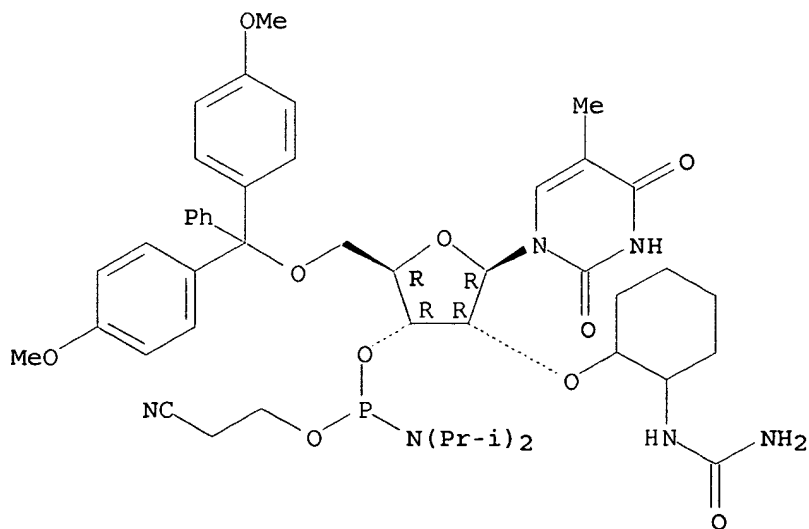
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Phosphodiesterase (9CI)
 MF Unspecified
 CI MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Uridine, 2'-O-[2-[(aminocarbonyl)amino]cyclohexyl]-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-5-methyl-, 3'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
 MF C47 H61 N6 O10 P

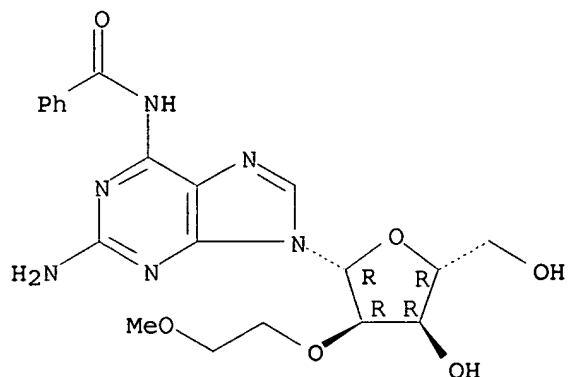
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Adenosine, 2-amino-N-benzoyl-2'-O-(2-methoxyethyl)- (9CI)
MF C20 H24 N6 O6

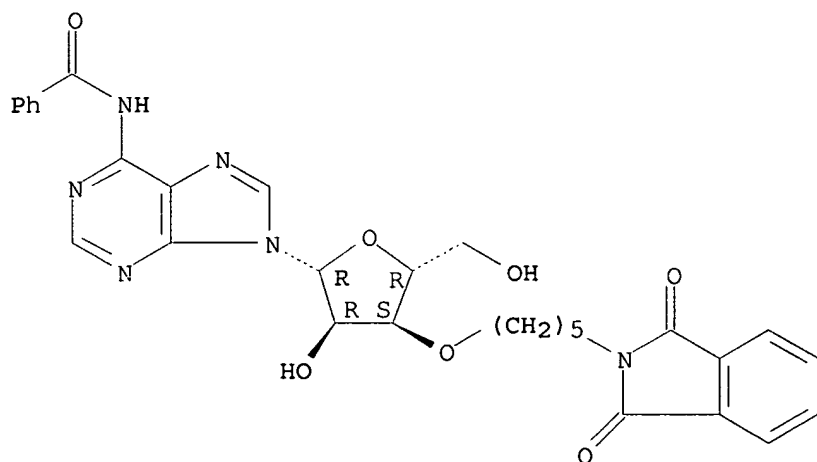
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Adenosine, N-benzoyl-3'-O-[5-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)pentyl]- (9CI)
MF C30 H30 N6 O7

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN DNA, d(C-C-T-C-A-T-C-C-T-C-T-A-T-G-G-C-A-A-A-C-T-T-C-T-T-A-A-A-T-C-T-G-G-C) (9CI)
SQL 34

MF Unspecified
CI MAN

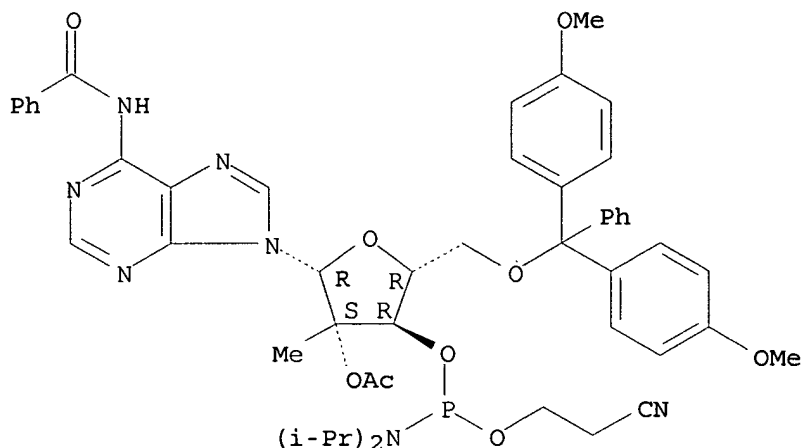
RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Benzamide, N- [9- [2-O-acetyl-5-O- [bis(4-methoxyphenyl)phenylmethyl]-3-O-
[[bis(1-methylethyl)amino] (2-cyanoethoxy)phosphino]-2-C-methyl- β -D-
arabinofuranosyl]-9H-purin-6-yl]- (9CI)
MF C50 H56 N7 O9 P

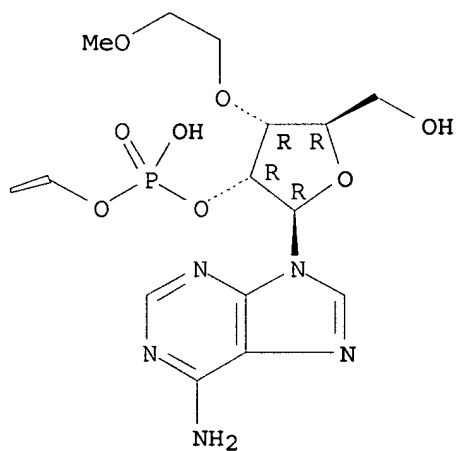
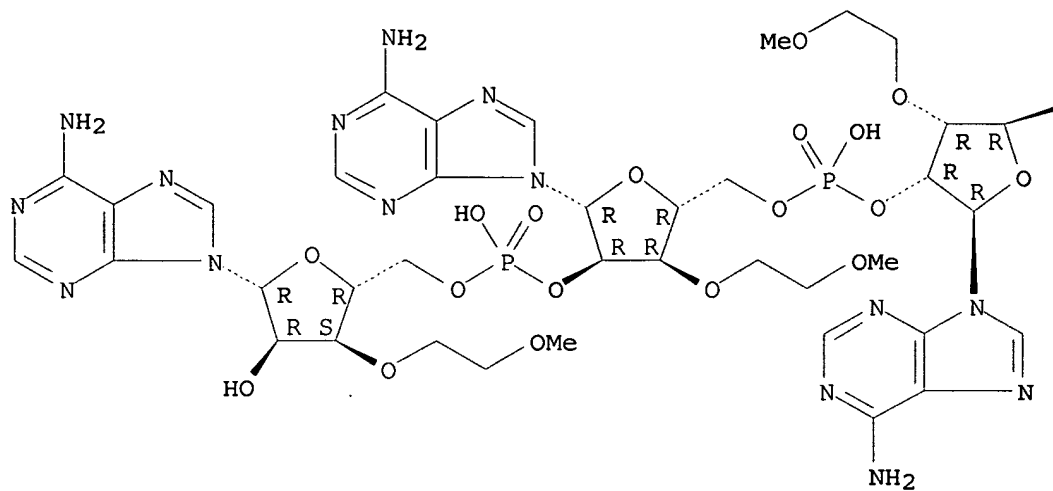
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Adenosine, 3'-O-(2-methoxyethyl)adenylyl-(2' \rightarrow 5')-3'-O-(2-
methoxyethyl)adenylyl-(2' \rightarrow 5')-3'-O-(2-methoxyethyl)adenylyl-
(2' \rightarrow 5')-3'-O-(2-methoxyethyl)- (9CI)
MF C52 H73 N20 O26 P3

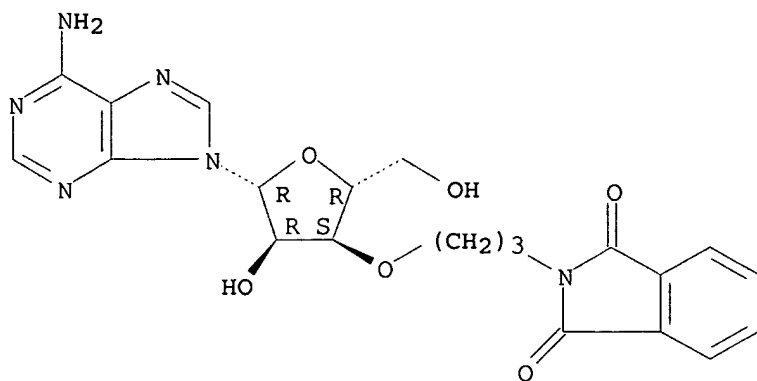
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Adenosine, 3'-O- [3-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)propyl] - (9CI)
 MF C21 H22 N6 O6

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

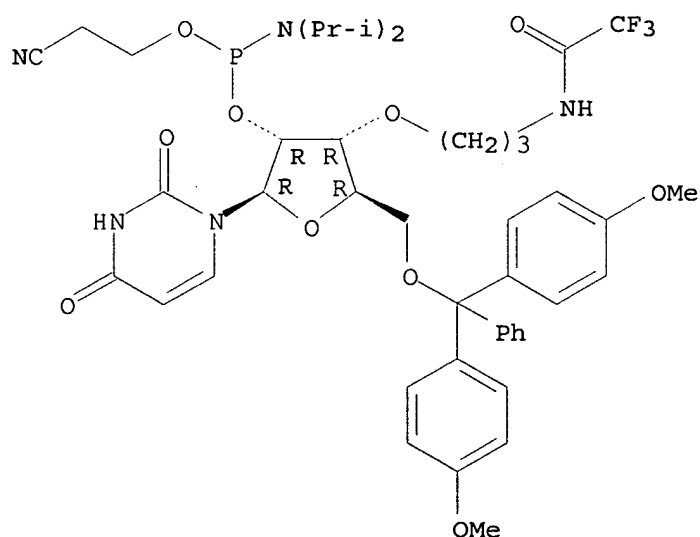
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d(P-thio) (G-m5C-m5C-m5C-A-A-G-m5C-T-G-G-m5C-A-T-m5C-m5C-G-T-m5C-A)
 (9CI)
 SQL 20
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Uridine, 5'-O- [bis(4-methoxyphenyl)phenylmethyl]-3'-O- [3-
 [(trifluoroacetyl)amino]propyl]-, 2'-[2-cyanoethyl bis(1-
 methylethyl)phosphoramidite] (9CI)
 MF C44 H53 F3 N5 O10 P

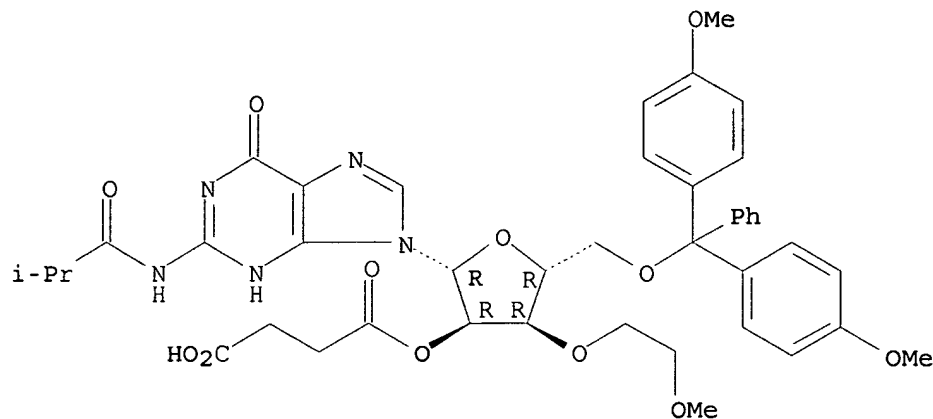
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Guanosine, 5'-O- [bis(4-methoxyphenyl)phenylmethyl]-3'-(2-methoxyethyl)-N-(2-methyl-1-oxopropyl)-, 2'-(hydrogen butanedioate) (9CI)
 MF C42 H47 N5 O12

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Nuclease, hybrid ribo- (Escherichia coli reduced) (9CI)
 SQL 155
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

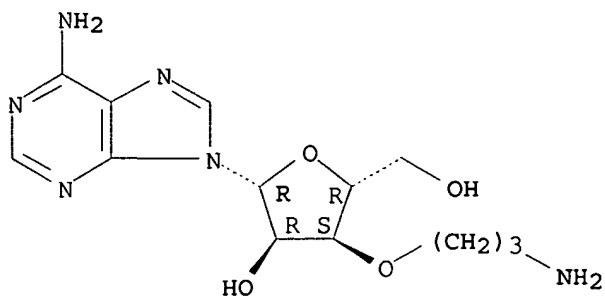
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d([3'-O-(3-aminopropyl)]rA-(2'→5')-[2'-O-(2-methoxyethyl)]m5rU-[2'-O-(2-methoxyethyl)]rG-[2'-O-(2-methoxyethyl)]m5rC-[2'-O-(2-methoxyethyl)]rA-sp-T-sp-T-sp-m5C-sp-T-sp-G-sp-m5C-sp-m5C-sp-m5C-sp-m5C-sp-[2'-O-(2-methoxyethyl)]rA-[2'-O-(2-methoxyethyl)]rA-[2'-O-(2-methoxyethyl)]rG-[2'-O-(2-methoxyethyl)]rG-[3'-O-(3-aminopropyl)]A) (9CI)
 SQL 20
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Adenosine, 3'-O-(3-aminopropyl)- (9CI)
 MF C13 H20 N6 O4

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d(A-A-C-A-C-G-C-C-C-A-T-T-G-C-C-C-A-C-C-A) (9CI)
 SQL 20
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

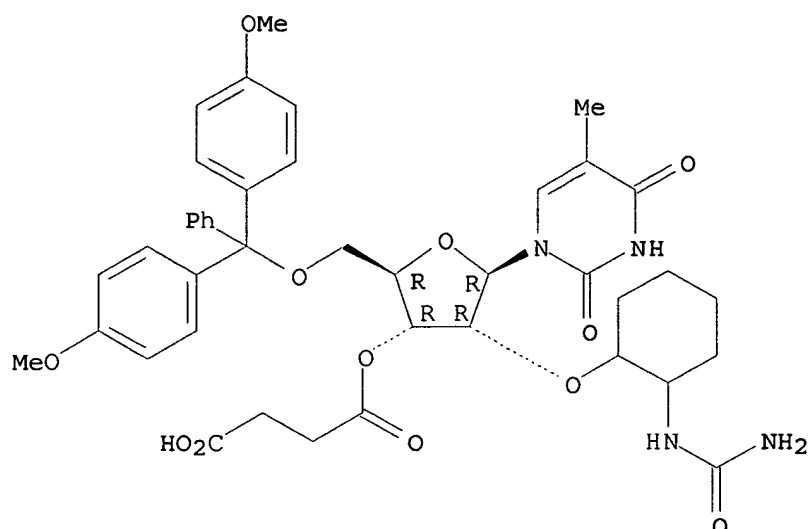
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN RNA, ([2'-O-(2-methoxyethyl)]m5U-[2'-O-(2-methoxyethyl)]m5U-[2'-O-(2-methoxyethyl)]C-dG-sp-dT-sp-dC-sp-dA-sp-dT-sp-dC-sp-dG-sp-dC-sp-dT-sp-[2'-O-(2-methoxyethyl)]C-[2'-O-(2-methoxyethyl)]C-[2'-O-(2-methoxyethyl)]m5U-[2'-O-(2-methoxyethyl)]C-[2'-O-(2-methoxyethyl)]A-[2'-O-(2-methoxyethyl)]G-[2'-O-(2-methoxyethyl)]G-[2'-O-(2-methoxyethyl)]G) (9CI)
 SQL 20
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Uridine, 2'-O-[2-[(aminocarbonyl)amino]cyclohexyl]-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-5-methyl-, 3'-(hydrogen butanedioate) (9CI)
 MF C42 H48 N4 O12

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

```

L3      160 ANSWERS      REGISTRY  COPYRIGHT 2006 ACS on STN
IN      DNA, d(P-thio) ([2'-O-(3-aminopropyl)]rA-[2'-O-(2-methoxyethyl)]m5rU-[2'-O-
(2-methoxyethyl)]rG-[2'-O-(2-methoxyethyl)]m5rC-[2'-O-(2-methoxyethyl)]rA-
T-T-m5C-T-G-m5C-m5C-m5C-m5C-m5C-[2'-O-(2-methoxyethyl)]rA-[2'-O-(2-
methoxyethyl)]rA-[2'-O-(2-methoxyethyl)]rG-[2'-O-(2-methoxyethyl)]rG-[2'-O-
(3-aminopropyl)]rA) (9CI)
SQL     20
MF      Unspecified
CI      MAN

```

****RELATED SEQUENCES AVAILABLE WITH SEQLINK****

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SOD' OR 'SOIDE' FORMATS TO DISPLAY SEQUENCE ***

```

L3      160 ANSWERS      REGISTRY  COPYRIGHT 2006 ACS on STN
IN      Protein (chicken clone CLFEST65 293-amino acid reduced) (9CI)
SQL     293
MF      Unspecified
CI      MAN

```

RELATED SEQUENCES AVAILABLE WITH SEQLINK

```

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

```

```
L3      160 ANSWERS      REGISTRY  COPYRIGHT 2006 ACS on STN
IN      DNA, d(A-C-G-C-T-G-G-C-C-G-G-G-A-G-T-C-G-A-A-A-T-G-C-T-T-C) (9CI)
SQL     26
MF      Unspecified
CI      MAN
```

****RELATED SEQUENCES AVAILABLE WITH SEQLINK****

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SOD' OR 'SOIDE' FORMATS TO DISPLAY SEQUENCE ***

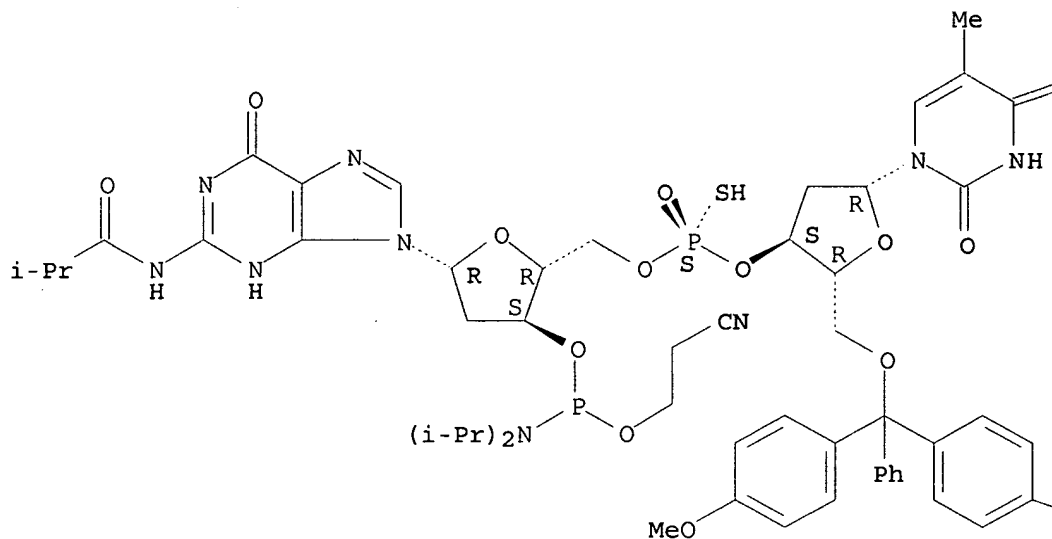
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Guanosine, [P(S)]-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-P-thiothymidyl-

(3'→5')-2'-deoxy-N-(2-methyl-1-oxopropyl)-, 3'-[2-cyanoethyl
bis(1-methylethyl)phosphoramidite] (9CI)

MF C54 H67 N9 O14 P2 S

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN DNA, d(P-thio) ([3'-O-(2-methoxyethyl)]rA-(2'→5')-[3'-O-(2-methoxyethyl)]m5rU-(2'→5')-G-C-A-T-T-C-T-G-C-C-A-A-A-A-A-G-[3'-O-(2-methoxyethyl)]rG-(2'→5')-[3'-O-(2-methoxyethyl)]rA) (9CI)
SQL 20
MF Unspecified

CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN DNA, d(P-thio) (G-G-G-A-C-T-C-C-T-C-G-C-T-A-C-T-G-C-C-T) (9CI)
SQL 20
MF Unspecified
CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

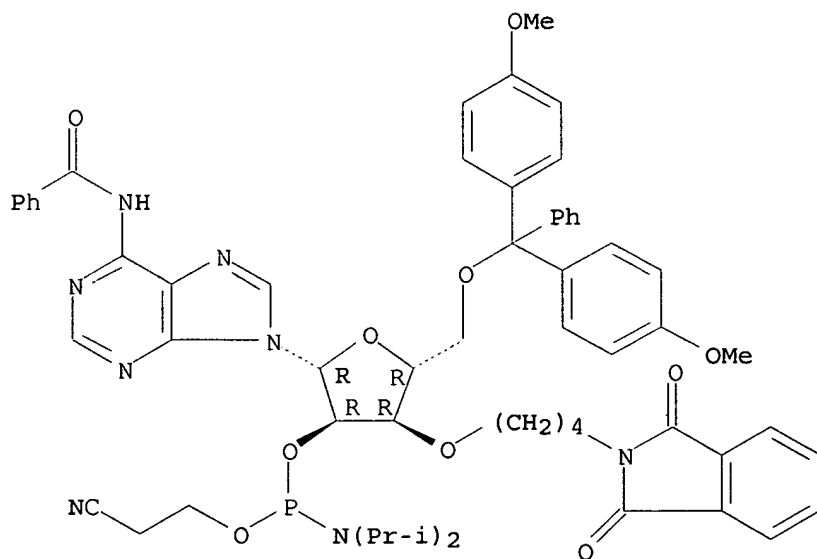
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN DNA, d(P-thio) (T-C-A-G-T-A-A-T-A-G-G-C-C-C-A-C-A-T-G-G) (9CI)
SQL 20
MF Unspecified
CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Adenosine, N-benzoyl-5'-O- [bis(4-methoxyphenyl)phenylmethyl] -3'-O- [4-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)butyl] -, 2'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
MF C59 H63 N8 O10 P

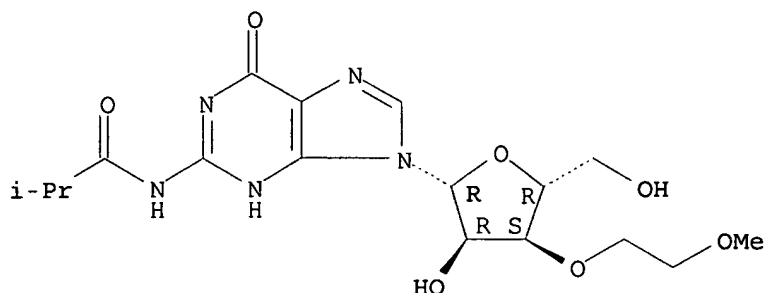
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Guanosine, 3'-O-(2-methoxyethyl)-N-(2-methyl-1-oxopropyl)- (9CI)
 MF C17 H25 N5 O7

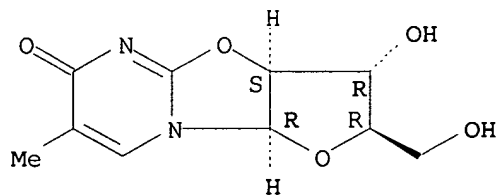
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 6H-Furo[2',3':4,5]oxazolo[3,2-a]pyrimidin-6-one, 2,3,3a,9a-tetrahydro-3-hydroxy-2-(hydroxymethyl)-7-methyl-, (2R,3R,3aS,9aR) - (9CI)
 MF C10 H12 N2 O5
 CI COM

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

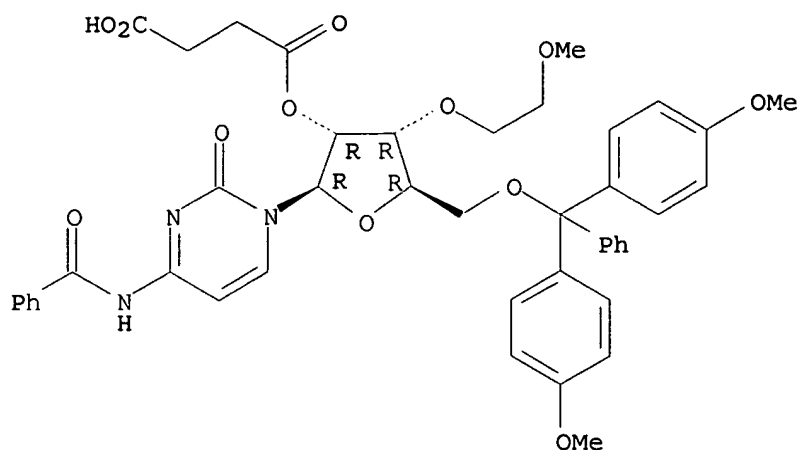
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN RNA, (P-thio) [3'-O-(2-methoxyethyl)] (2'→5') (C-G-C-G-A-A-m5U-m5U-C-G-C-G) (9CI)
 SQL 12
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Cytidine, N-benzoyl-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-3'-O-(2-methoxyethyl)-, 2'-(hydrogen butanedioate) (9CI)
 MF C44 H45 N3 O12

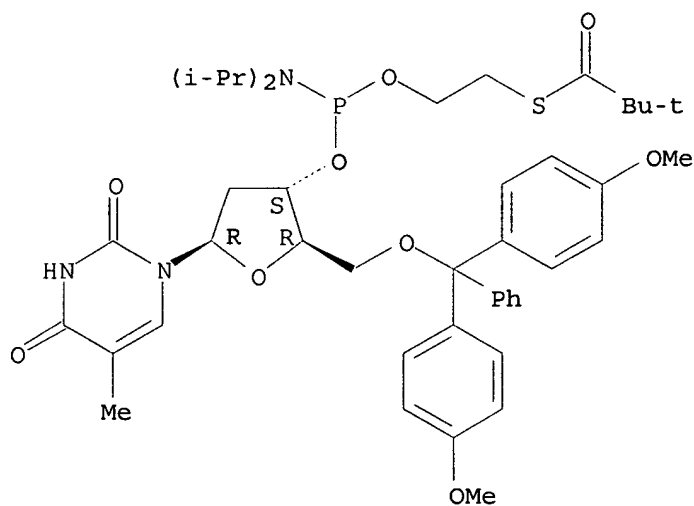
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Thymidine, 5'-O- [bis(4-methoxyphenyl)phenylmethyl]-, 3'-[2-[(2,2-dimethyl-1-oxopropyl)thio]ethyl bis(1-methylethyl)phosphoramidite] (9CI)
 MF C44 H58 N3 O9 P S

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

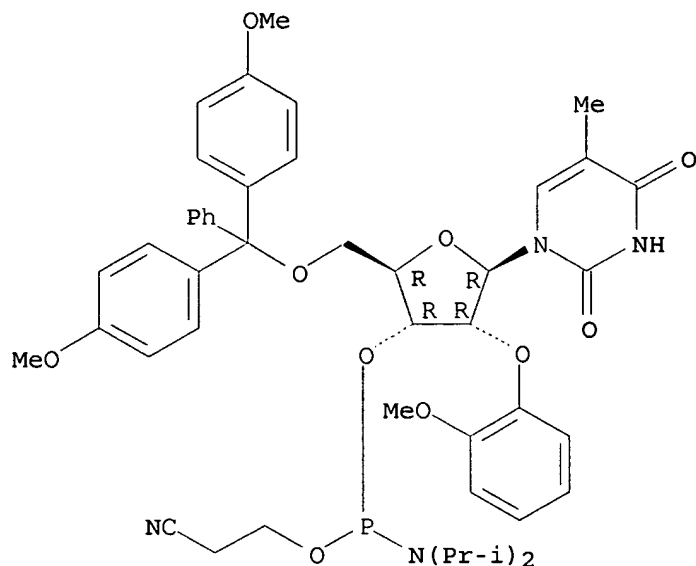
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d(A-T-G-C-A-T-T-C-T-G-C-C-A-A-A-A-G-G-A) (9CI)
 SQL 20
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Uridine, 5'-O-[bis(4-methoxyphenyl)phenylmethyl]-2'-O-(2-methoxyphenyl)-5-methyl-, 3'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
 MF C47 H55 N4 O10 P

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d(P-thio)(A-T-G-C-A-T-T-C-T-G-C-C-C-C-C-A-A-G-G-[3'-O-(2-methoxyethyl)]rA) (9CI)
 SQL 20
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Adenosine, 3'-O-[5-(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)pentyl]- (9CI)
 MF C23 H26 N6 O6

Absolute stereochemistry.

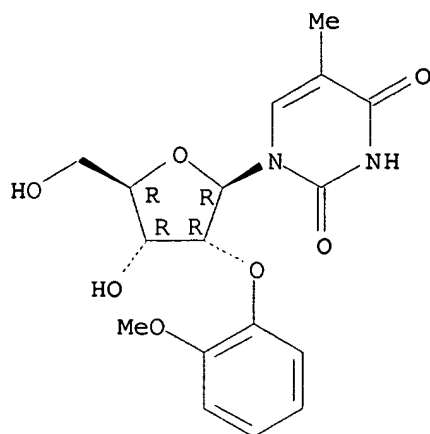


RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.



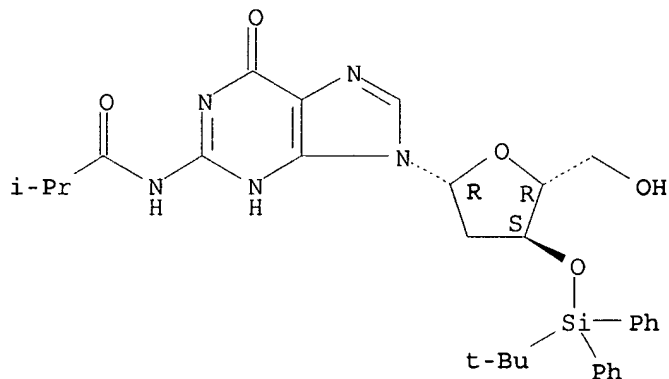
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Guanosine, 2'-deoxy-3'-O-[(1,1-dimethylethyl)diphenylsilyl]-N-(2-methyl-1-oxopropyl)- (9CI)
 MF C30 H37 N5 O5 Si

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

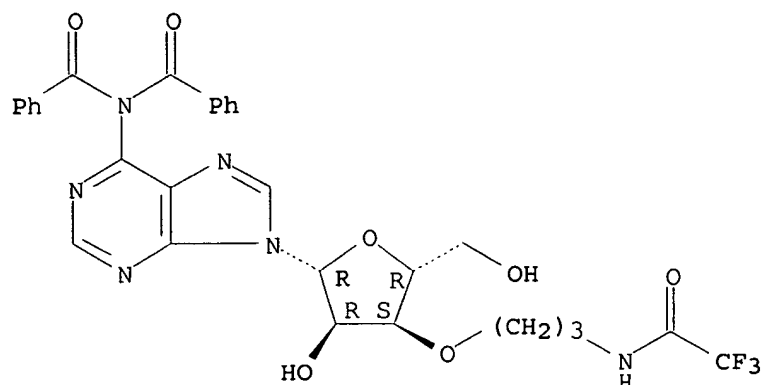
L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN DNA, d(P-thio) ([3'-O-(3-aminopropyl)]rA-(2'→5')-T-G-C-A-T-T-C-T-G-C-C-C-C-A-A-G-G-[3'-O-(3-aminopropyl)]A) (9CI)
 SQL 20
 MF Unspecified
 CI MAN

RELATED SEQUENCES AVAILABLE WITH SEQLINK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Adenosine, N,N-dibenzoyl-3'-O-[3-[(trifluoroacetyl)amino]propyl]- (9CI)
 MF C29 H27 F3 N6 O7

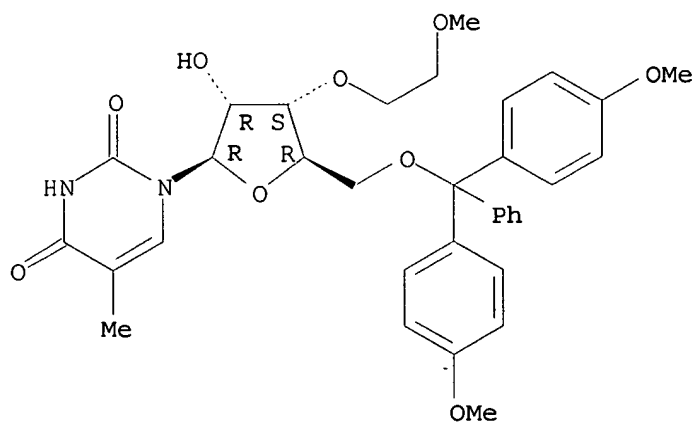
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Uridine, 5'-O- [bis(4-methoxyphenyl)phenylmethyl] -3'-O- (2-methoxyethyl) -5-
methyl- (9CI)
MF C34 H38 N2 O9

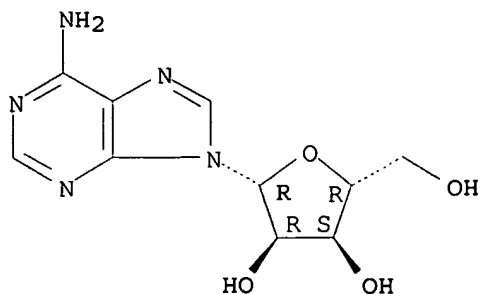
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 160 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Adenosine (8CI, 9CI)
MF C10 H13 N5 O4
CI COM

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

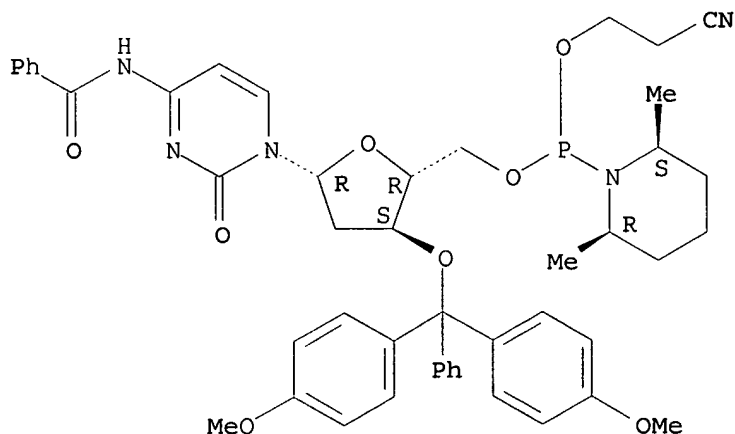
ALL ANSWERS HAVE BEEN SCANNED

=> s c47 h52 n5 o8 p/mf
L4 2 C47 H52 N5 O8 P/MF

=> d scan

L4 2 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Cytidine, N-benzoyl-3'-O-[bis(4-methoxyphenyl)phenylmethyl]-2'-deoxy-,
5'-[2-cyanoethyl [(2R,6S)-2,6-dimethyl-1-piperidinyl]phosphonite] (9CI)
MF C47 H52 N5 O8 P

Absolute stereochemistry.

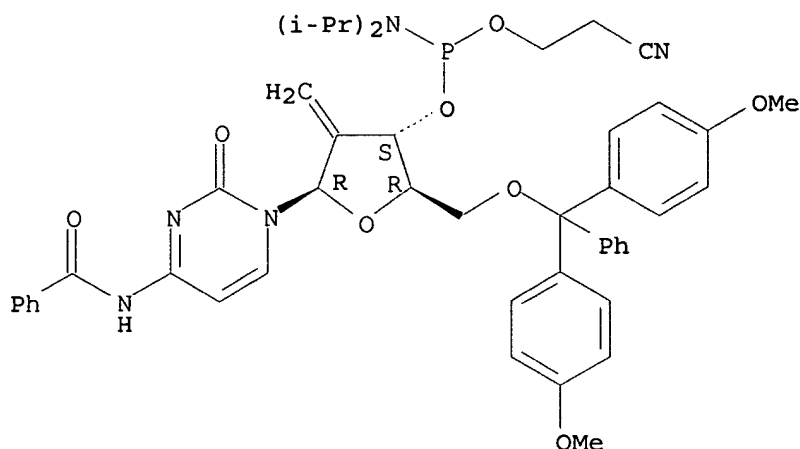


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L4 2 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Cytidine, N-benzoyl-5'-O-[bis(4-methoxyphenyl)phenylmethyl]-2'-deoxy-2'-
methylene-, 3'-[2-cyanoethyl bis(1-methylethyl)phosphoramidite] (9CI)
MF C47 H52 N5 O8 P

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> d rn 14 2

L4 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2006 ACS on STN
RN 213883-04-6 REGISTRY

=> s 213883-04-6/rn
L5 1 213883-04-6/RN

=> file uspatfull
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
12.01	26.37

FULL ESTIMATED COST

FILE 'USPATFULL' ENTERED AT 14:40:32 ON 26 JUL 2006
CA INDEXING COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 25 Jul 2006 (20060725/PD)
FILE LAST UPDATED: 25 Jul 2006 (20060725/ED)
HIGHEST GRANTED PATENT NUMBER: US7082615
HIGHEST APPLICATION PUBLICATION NUMBER: US2006162035
CA INDEXING IS CURRENT THROUGH 25 Jul 2006 (20060725/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 25 Jul 2006 (20060725/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2006
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2006

=> s 15
L6 0 L5

=> s 213883-04-6/rn
L7 0 213883-04-6/RN

=> file medline biosis embase caplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
1.45	27.82

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 14:41:12 ON 26 JUL 2006

FILE 'BIOSIS' ENTERED AT 14:41:12 ON 26 JUL 2006

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FILE 'EMBASE' ENTERED AT 14:41:12 ON 26 JUL 2006

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FILE 'CAPLUS' ENTERED AT 14:41:12 ON 26 JUL 2006

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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=> s (2'-methylene or 2'-deoxy-2'-methylene) and (oligonucleotide or nucleotide)
MISMATCHED QUOTE '2'-DEOXY-2'-METHYLENE'

Quotation marks (or apostrophes) must be used in pairs,
one before and one after the expression you are setting
off or masking.

=> s ("2'-methylene" or "2'-deoxy-2'-methylene") and (oligonucleotide or nucleotide)
L8 44 ("2'-METHYLENE" OR "2'-DEOXY-2'-METHYLENE") AND (OLIGONUCLEOTIDE
OR NUCLEOTIDE)

=> dup rem l8

PROCESSING COMPLETED FOR L8

L9 22 DUP REM L8 (22 DUPLICATES REMOVED)

=> d ti so au py 1-22

L9 ANSWER 1 OF 22 MEDLINE on STN DUPLICATE 1
TI Structure of the nitrogen-centered radical formed during inactivation of
E. coli ribonucleotide reductase by 2'-azido-2'-deoxyuridine-5'-
diphosphate: trapping of the 3'-ketonucleotide.
SO Journal of the American Chemical Society, (2005 Jun 1) Vol. 127, No. 21,
pp. 7729-38.
Journal code: 7503056. ISSN: 0002-7863.
AU Fritscher Jorg; Artin Erin; Wnuk Stanislaw; Bar Galit; Robblee John H;
Kacprzak Sylwia; Kaupp Martin; Griffin Robert G; Bennati Marina; Stubbe
JoAnne
PY 2005

L9 ANSWER 2 OF 22 MEDLINE on STN DUPLICATE 2
TI Genetic polymorphisms and cerebral palsy in very preterm infants.
SO Pediatric research, (2005 Apr) Vol. 57, No. 4, pp. 494-9. Electronic
Publication: 2005-02-17.
Journal code: 0100714. ISSN: 0031-3998.
AU Nelson Karin B; Dambrosia James M; Iovannisci David M; Cheng Suzanne;
Grether Judith K; Lammer Edward
PY 2005

L9 ANSWER 3 OF 22 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI Antitumor activity of sugar-modified cytosine nucleosides.
SO Cancer Science, (February 2004) Vol. 95, No. 2, pp. 105-111. print.
ISSN: 1347-9032 (ISSN print).
AU Matsuda, Akira [Reprint Author]; Sasaki, Takuma
PY 2004

L9 ANSWER 4 OF 22 EMBASE COPYRIGHT (c) 2006 Elsevier B.V. All rights
reserved on STN
TI Enzymatic reactions in anaerobic 2-methylnaphthalene degradation by the
sulphate-reducing enrichment culture N 47.
SO FEMS Microbiology Letters, (1 Nov 2004) Vol. 240, No. 1, pp. 99-104. .
Refs: 20
ISSN: 0378-1097 CODEN: FMLED7

AU Safinowski M.; Meckenstock R.U.
 PY 2004

L9 ANSWER 5 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
 TI A human methylene tetrahydrofolate reductase cDNA and the detection of
 alleles and their diagnostic and prognostic use
 SO U.S., 53 pp., Cont.-in-part of U.S. Ser. No. 738,000.
 CODEN: USXXAM
 IN Rozen, Rima; Goyette, Philippe
 PY 2001
 1995
 2000
 2000
 2000
 2001
 2001
 2005
 2003
 2005
 2005
 2006
 2006
 2003
 2003
 2001
 2002
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 2005

L9 ANSWER 6 OF 22 EMBASE COPYRIGHT (c) 2006 Elsevier B.V. All rights
 reserved on STN
 TI Multiple P2Y receptors mediate contraction in guinea pig mesenteric vein.
 SO Vascular Pharmacology, (2000) Vol. 34, No. 2, pp. 127-136. .
 Refs: 37
 ISSN: 1537-1891 CODEN: VPAHAJ
 AU Mutafova-Yambolieva V.N.; Carolan B.M.; Harden T.K.; Keef K.D.
 PY 2000

L9 ANSWER 7 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Measurement of T1 relaxation rates of natural abundant ¹³C at C2' in a
 non-uniformly deuterium-labeled oligo-DNA
 SO Journal of the Chemical Society, Perkin Transactions 2: Physical Organic
 Chemistry (1998), (12), 2689-2694
 CODEN: JCPKBH; ISSN: 0300-9580
 AU Maltseva, T. V.; Foldesi, A.; Chattopadhyaya, J.
 PY 1998

L9 ANSWER 8 OF 22 MEDLINE on STN DUPLICATE 3
 TI Mechanism-based inhibition of ribonucleoside diphosphate reductase from
 Corynebacterium nephridii by 2'-C-methyladenosine diphosphate.
 SO Biochemistry, (1996 Apr 9) Vol. 35, No. 14, pp. 4485-91.
 Journal code: 0370623. ISSN: 0006-2960.
 AU McFarlan S C; Ong S P; Hogenkamp H P
 PY 1996

L9 ANSWER 9 OF 22 EMBASE COPYRIGHT (c) 2006 Elsevier B.V. All rights
 reserved on STN
 TI Phase I study on DMDC.
 SO Japanese Journal of Cancer and Chemotherapy, (1996) Vol. 23, No. 13, pp.
 1799-1811. .
 ISSN: 0385-0684 CODEN: GTKRDX
 AU Gemma A.; Kudoh S.; Fukuoka M.; Kurita Y.; Hasegawa K.; Harada M.; Mori
 K.; Ariyoshi Y.; Kurihara M.; Furuse K.; Horikoshi N.; Kanamaru R.;

Fukuyama E.; Yoneda S.; Furue H.; Taguchi T.; Ota K.; Wakui A.; Tsukagoshi S.; et al.
 PY 1996

L9 ANSWER 10 OF 22 EMBASE COPYRIGHT (c) 2006 Elsevier B.V. All rights reserved on STN
 TI Synthesis of 2'-modified nucleotides and their incorporation into hammerhead ribozymes.
 SO Nucleic Acids Research, (1995) Vol. 23, No. 21, pp. 4434-4442. .
 ISSN: 0305-1048 CODEN: NARHAD
 AU Beigelman L.; Karpeisky A.; Matulic-Adamic J.; Haeberli P.; Sweedler D.; Usman N.
 PY 1995

L9 ANSWER 11 OF 22 MEDLINE on STN DUPLICATE 4
 TI Interactions of 2'-modified azido- and haloanalogs of deoxycytidine 5'-triphosphate with the anaerobic ribonucleotide reductase of Escherichia coli.
 SO The Journal of biological chemistry, (1994 Oct 21) Vol. 269, No. 42, pp. 26116-20.
 Journal code: 2985121R. ISSN: 0021-9258.
 AU Eliasson R; Pontis E; Eckstein F; Reichard P
 PY 1994

L9 ANSWER 12 OF 22 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 TI 2'-Deoxy-2'-methylene derivatives of adenosine, guanosine, tubercidin, cytidine and uridine as inhibitors of L1210 cell growth in culture.
 SO Biochemical Pharmacology, (1994) Vol. 47, No. 2, pp. 365-371.
 CODEN: BCPCA6. ISSN: 0006-2952.
 AU Cory, Ann H.; Samano, Vincente; Robins, Morris J.; Cory, Joseph G.
 [Reprint author]
 PY 1994

L9 ANSWER 13 OF 22 MEDLINE on STN DUPLICATE 5
 TI Alternative model for mechanism-based inhibition of Escherichia coli ribonucleotide reductase by 2'-azido-2'-deoxyuridine 5'-diphosphate.
 SO Biochemistry, (1993 Nov 30) Vol. 32, No. 47, pp. 12749-60.
 Journal code: 0370623. ISSN: 0006-2960.
 AU Salowe S; Bollinger J M Jr; Ator M; Stubbe J; McCracken J; Peisach J; Samano M C; Robins M J
 PY 1993

L9 ANSWER 14 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Ras proto-oncogene activation in liver and lung tumors from B6C3F1 mice exposed chronically to methylene chloride
 SO Carcinogenesis (1993), 14(5), 795-801
 CODEN: CRNGDP; ISSN: 0143-3334
 AU Devereux, Theodora R.; Foley, Julie F.; Maronpot, Robert R.; Kari, Frank; Anderson, Marshall W.
 PY 1993

L9 ANSWER 15 OF 22 EMBASE COPYRIGHT (c) 2006 Elsevier B.V. All rights reserved on STN
 TI Synthesis of 2',3'-didehydro-2',3'-dideoxy-2'-C-methylsubstituted nucleosides using a novel S(N)2' type reaction.
 SO Nucleosides and Nucleotides, (1993) Vol. 12, No. 5, pp. 449-462. .
 ISSN: 0732-8311 CODEN: NUNUD5
 AU Ioannidis P.; Classon B.; Samuelsson B.; Kvarnstrom I.
 PY 1993

L9 ANSWER 16 OF 22 MEDLINE on STN DUPLICATE 6
 TI Some biochemical properties of an acyclic oligonucleotide analogue. A plausible ancestor of the DNA?.

SO Origins of life and evolution of the biosphere : the journal of the
International Society for the Study of the Origin of Life, (1993 Apr) Vol.
23, No. 2, pp. 91-103.
Journal code: 8610391. ISSN: 0169-6149.

AU Merle L; Spach G; Merle Y; Sagi J; Szemzo A
PY 1993

L9 ANSWER 17 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Molecular geometry of vanadyl-adenine nucleotide complexes
determined by EPR, ENDOR, and molecular modeling
SO Journal of the American Chemical Society (1992), 114(15), 6219-26
CODEN: JACSAT; ISSN: 0002-7863
AU Mustafi, Devkumar; Telser, Joshua; Makinen, Marvin W.
PY 1992

L9 ANSWER 18 OF 22 MEDLINE on STN DUPLICATE 7
TI Mechanism of ribonucleotide reductase from herpes simplex virus type 1.
Evidence for 3' carbon-hydrogen bond cleavage and inactivation by
nucleotide analogs.
SO The Journal of biological chemistry, (1986 Mar 15) Vol. 261, No. 8, pp.
3595-9.
Journal code: 2985121R. ISSN: 0021-9258.
AU Ator M A; Stubbe J; Spector T
PY 1986

L9 ANSWER 19 OF 22 MEDLINE on STN DUPLICATE 8
TI Proton nuclear Overhauser effect study of the structure of a
deoxyoligonucleotide duplex in aqueous solution.
SO Biochemistry, (1983 Apr 12) Vol. 22, No. 8, pp. 2019-25.
Journal code: 0370623. ISSN: 0006-2960.
AU Reid D G; Salisbury S A; Bellard S; Shakked Z; Williams D H
PY 1983

L9 ANSWER 20 OF 22 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on
STN
TI THE STRUCTURAL CONFORMATION OF THE POLY PHOSPHATE CHAIN OF THE ATP
MOLECULE IS CRITICAL FOR ITS PROMOTION OF PROSTAGLANDIN BIOSYNTHESIS.
SO European Journal of Pharmacology, (1981) Vol. 69, No. 1, pp. 81-86.
CODEN: EJPHAZ. ISSN: 0014-2999.
AU BROWN C M [Reprint author]; BURNSTOCK G
PY 1981

L9 ANSWER 21 OF 22 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on
STN DUPLICATE 9
TI SUBSTRATE AND INHIBITOR SPECIFICITIES OF AMP AMINO HYDROLASE 5'
NUCLEOTIDASE AND ADENYLATE KINASE WITH ADENOSINE CARBOXYLATES OF VARIABLE
CHAIN LENGTH.
SO Zeitschrift fuer Naturforschung Teil C Biochemie Biophysik Biologie
Virologie, (1980) Vol. 35, No. 3-4, pp. 273-278.
CODEN: ZNFCAP. ISSN: 0341-0471.
AU MEYER W [Reprint author]; FOLLMANN H
PY 1980

L9 ANSWER 22 OF 22 CAPLUS COPYRIGHT 2006 ACS on STN
TI Effects of chemical treatment in vitro of Nelson mouse ascites tumor cells
on their transplantability and on some indexes of glucose metabolism
SO Cancer Research (1963), 23(9;Pt. 2), 1878-91
CODEN: CNREA8; ISSN: 0008-5472
AU Tarnowski, George; Kulka, Pauline; Bates, Louise; Safier, Stanley;
Satterwhite, Harry; Solney, Edward
PY 1963

=> d his

(FILE 'HOME' ENTERED AT 14:29:46 ON 26 JUL 2006)

FILE 'USPATFULL' ENTERED AT 14:29:55 ON 26 JUL 2006
L1 2 S US200!-616009/APPS

FILE 'REGISTRY' ENTERED AT 14:30:32 ON 26 JUL 2006

FILE 'USPATFULL' ENTERED AT 14:30:49 ON 26 JUL 2006
L2 TRA L1 2,1- RN : 160 TERMS

FILE 'REGISTRY' ENTERED AT 14:30:49 ON 26 JUL 2006
L3 160 SEA L2
L4 2 S C47 H52 N5 O8 P/MF
L5 1 S 213883-04-6/RN

FILE 'USPATFULL' ENTERED AT 14:40:32 ON 26 JUL 2006
L6 0 S L5
L7 0 S 213883-04-6/RN

FILE 'MEDLINE, BIOSIS, EMBASE, CAPLUS' ENTERED AT 14:41:12 ON 26 JUL 2006
L8 44 S ("2'-METHYLENE" OR "2'-DEOXY-2'-METHYLENE") AND (OLIGONUCLEOT
L9 22 DUP REM L8 (22 DUPLICATES REMOVED)

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

54.62

82.44

STN INTERNATIONAL LOGOFF AT 14:49:05 ON 26 JUL 2006